

**CITY OF GREENVILLE  
WAYFINDING AND SIGNAGE PROGRAM  
CONSTRUCTION DOCUMENTATION PACKAGE**

**September 1, 2010  
Revision: January 31, 2011**

City of Greenville  
Greenville, NC

Project No. 41-07984.000

merJe

120 North Church Street  
Suite 208  
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## SECTION 1 | Signage Drawings

## A. Graphic Standards

PRIMARY TYPEFACE

Clearview Highway -2W

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890 ‘ ’ ! @ # \$ % ^

Amongst the several mechanical Arts that have engaged my attention, there is no one which I have pursued with so much steadiness and pleasure, as that of Letter Founding.

Library

acceptable

Library

NOT acceptable

Library

NOT acceptable

123A

acceptable

123A

NOT acceptable

123A

NOT acceptable

Gary K. Munkelt & Associates  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS

The Contractor must submit a full alphabet of 1” letters and numerals.

All type shall be set exactly as specified. Substitutions will only be accepted, at the Client's or Designer's discretion, where they match the specified typeface in every detail. The Contractor shall be aware that different versions of typesetting equipment may not satisfactorily match specified type faces and in such instances will not be acceptable.

Sometimes the Foot mark is mistaken for an apostrophe and an inch mark is mistaken for quotations. Below are examples of correct and incorrect apostrophe’s for each typeface.

CLEARVIEW HWY 2-W

 This apostrophe is CORRECT.  
**PARK’S**

 This apostrophe is INCORRECT.  
**PARK'S**

**DESIGN NOTE:**  
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NOTES

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CLIENT / PROJECT

City of Greenville, NC  
City of Greenville, NC  
Wayfinding and Signage

PROJECT NO. Y41-07963

SUBCONSULTANT

DATE 6/30/2009 DRAWN BY: KB/GS

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05/22/2010  
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SHEET TITLE

Typography Specifications

SHEET NO.

A.1

SECONDARY TYPEFACE

Rawlinson Regular

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890 “!@#\$%^

Amongst the several mechanical Arts that have engaged my attention, there is no one which I have pursued with so much steadiness and pleasure, as that of Letter Founding.

Library

acceptable

Library

NOT acceptable

Library

NOT acceptable

123A

acceptable

123A

NOT acceptable

1 2 3 A

NOT acceptable

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Sometimes the Foot mark is mistaken for an apostrophe and an inch mark is mistaken for quotations. Below are examples of correct and incorrect apostrophe’s for each typeface.	
RAWLINSON REGULAR	
<div><div>’</div><div>This apostrophe is CORRECT.</div></div> <div>PARK’S</div>	<div>DESIGN NOTE:</div> <div>Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>
<div><div>✕</div><div>This apostrophe is INCORRECT.</div></div> <div>PARK'S</div>	
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CLIENT / PROJECT	
<div>City of Greenville, NC</div> <div>City of Greenville, NC</div> <div>Wayfinding and Signage</div>	
PROJECT NO. Y41-07963	
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SHEET TITLE	
DATE 6/30/2009	DRAWN BY: KB/GS
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	05/22/2010
	08/06/2010
	09/01/2010
SHEET NO.	
A.2	

## LETTER SPACING

Inconsistencies in Letter Spacing

TYPEFACE 1

Greenville

**IMPORTANT: Individual spacing of each letter needs to be evaluated.** See Examples Above.  
Kern all Copy so that **each character is optically centered** between the center of each of the surrounding characters.

Corrected Letter Spacing

TYPEFACE 1

Greenville

## ARROWS AND TEXT RELATIONSHIPS

Always measure from baseline to baseline.  
Please Reference to the arrow detail below.



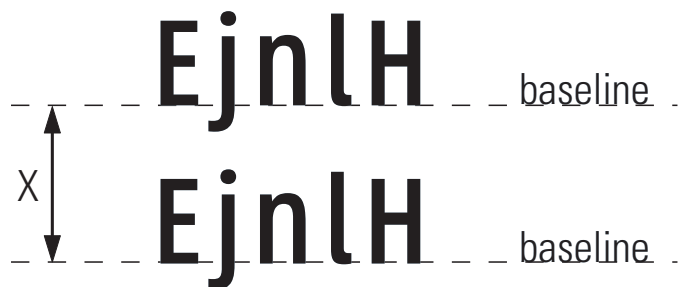
## COPY HEIGHT

When measuring copy height, measure only the height of the Capital letters to determine your overall copy height shown in illustration below as "X." Some of the other letters have an extended height beyond the average height of the letters.



## LINE SPACING

When measuring line spacing, always measure from the baseline of the top most text line to the baseline of the text line below shown as "X."



## SPECIFICATIONS

ALL TYPE SHALL BE SET EXACTLY AS SPECIFIED.

Individual spacing of each letter shall be evaluated and approved by the DESIGNER and CLIENT prior to sign fabrication. All copy shall be kerned so that each character is optically centered between the center of each of the surrounding characters.

**DESIGN NOTE:**  
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## NOTES

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CLIENT / PROJECT

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**City of Greenville, NC**  
**Wayfinding and Signage**

PROJECT NO. Y41-07963

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SHEET TITLE

**Typography Specifications**

SHEET NO.

**A.3**

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Districts

Uptown District

Medical District

Convention District

Education

ECU

ECU Main Campus

ECU Stadiums

P.C.C. Main Campus

\* P.C.C. Greenville Ctr.

\* Rose High School

\* Potential Future - Vehicular Destinations

Government

City Hall

Courthouses

County Admin. Office

Historic & Tourism

Chamber of Commerce

Convention Center

Visitor Center

NAACP

Transportation

Airport

Arts & Cultural

Museum of Art

\* Ampitheater

G.W. Carver Branch Library

East Branch Library

Sheppard Mem. Library

Five Points Plaza

Parking

Public Parking

City Hall Parking

Other

Industrial Park

Hospitals

Hospital

Parks & Recreation

Science and Nature Center

Town Common

Thomas Foreman Park

\* Green Springs Park

\* Elm St. Park

\* Jaycee Park

\* Peppermint Park

\* Evans Park

\* Boyd Lee Park

City

Tarboro

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SPECIFICATIONS			
Terminology Shown represents Graphic Breaks for Vehicular Directional Signs with 4" High Copy.			
ALL TYPE SHALL BE SET EXACTLY AS SPECIFIED.			
<div>DESIGN NOTE: Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>			
NOTES			
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		SHEET NO.	
		A.4	

LOGO & GRAPHIC IMAGES



Leaf Symbol



Uptown Logo



Convention District Logo



Medical District Logo

ARROWS



Left Arrow



Up-Left Arrow



Straight Arrow



Up-Right Arrow



Right Arrow



Straight-Left Arrow



Up-Straight-Left Arrow



Up-Straight-Right Arrow



Straight-Right Arrow

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USE of Arrows

When multiple directions are required on a sign, the following directional hierarchy shall take precedent. See Example below. Reference Message Schedule for individual Messages.



Straight Arrow



Left Arrow



Right Arrow

**DESIGN NOTE:**  
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CLIENT / PROJECT

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**City of Greenville, NC**  
**Wayfinding and Signage**

PROJECT NO. Y41-07963

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SHEET TITLE

**Project Artwork**

SHEET NO.

**A.5**





## B. Menu of Sign Types



Scale: 1/4" = 1'-0"

GATE.1

GATE.2



Scale: 1/4" = 1'-0"

DIST\_GATE.1a

DIST\_GATE.1b

DIST\_GATE.1c

DIST\_GATE.2a

DIST\_GATE.2b

DIST\_GATE.2c

## SPECIFICATIONS

### City Gateway

GATE.1  
GATE.2

### District Gateway

DIST\_GATE.1A  
DIST\_GATE.1B  
DIST\_GATE.1C  
DIST\_GATE.2A  
DIST\_GATE.2B  
DIST\_GATE.2C

Upon installation of the sign, the fabricator shall cover the sign with a white vinyl bag, with drawstrings or other method of attachment and closure. The City of

4  
Greenville logo (1 color) shall be silkscreened on the outside of the bag.

1. All signs shall be covered until accepted by the City of Greenville
2. Installer is responsible for removal of all bags within 24 hours of acceptance.
3. Designer will supply Logo artwork and layout.

**DESIGN NOTE:**  
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## NOTES

Sign Types shown on this page represent the entire wayfinding system. Not all sign types may be built concurrently and may be bid in phases, please reference the sign location plan/message schedule and bid form for quantities.

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Wayfinding and Signage

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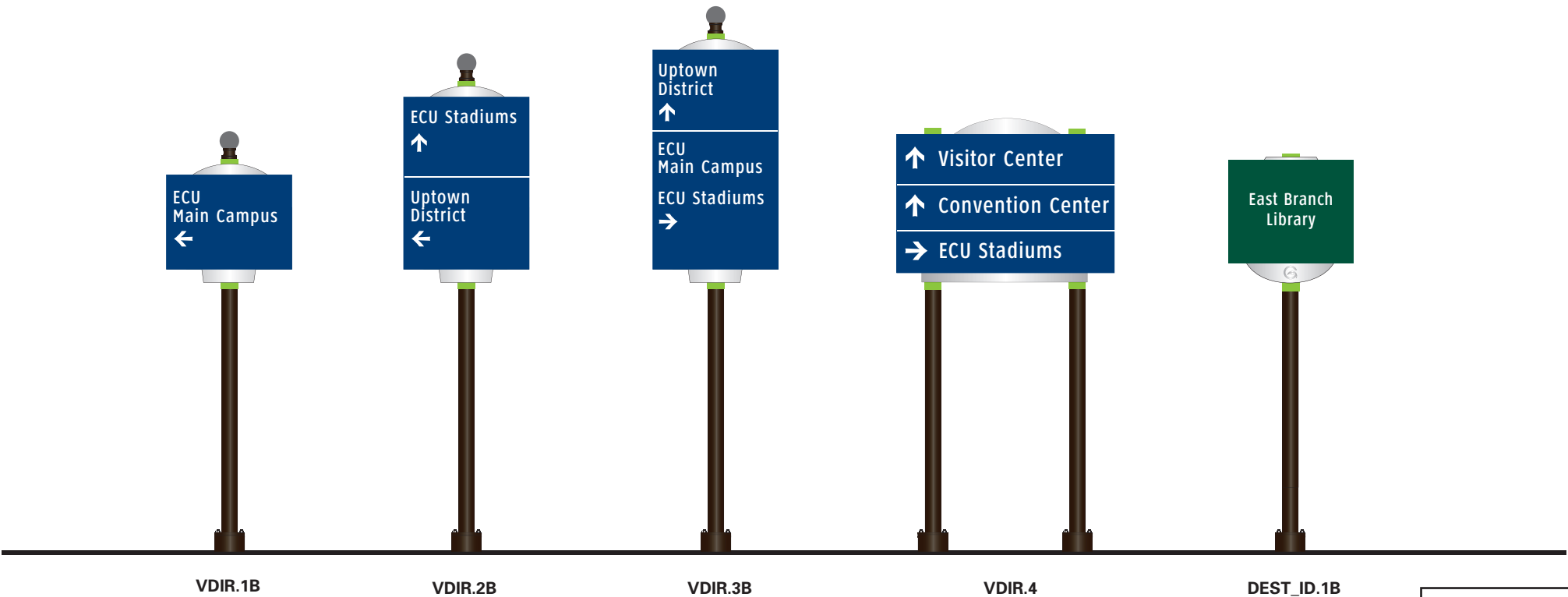
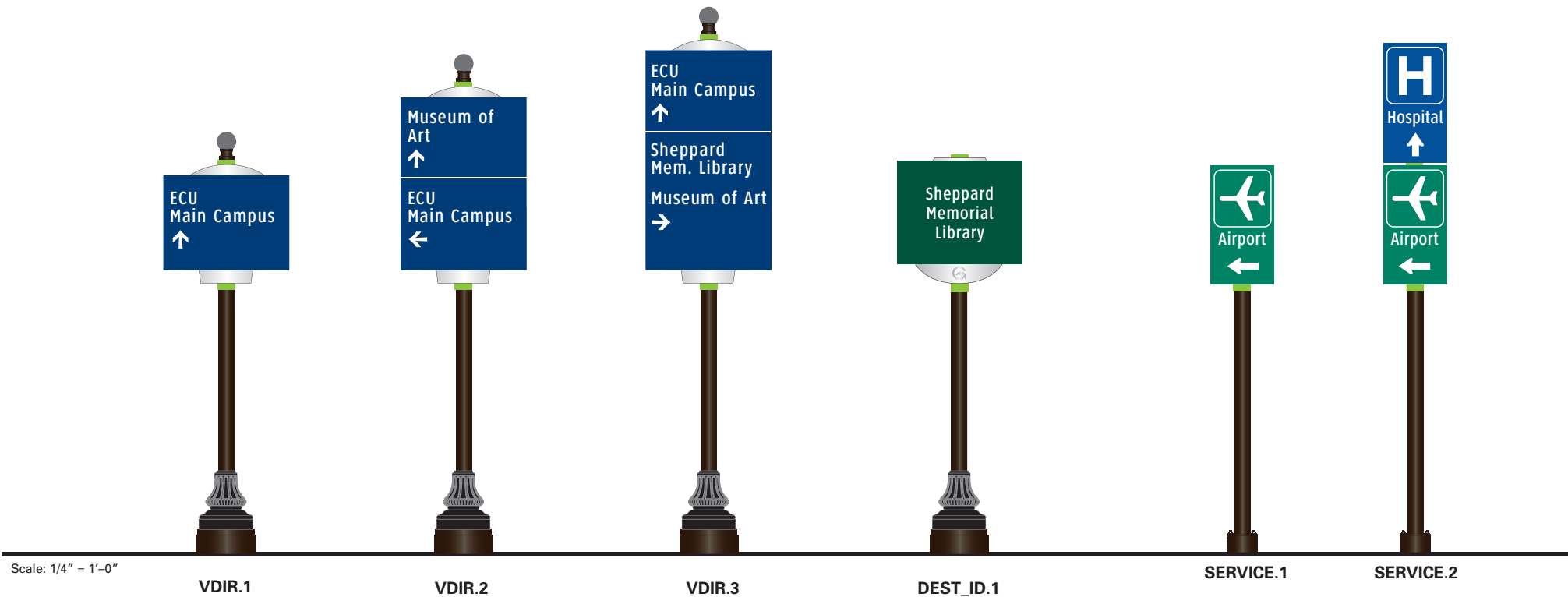
SHEET TITLE

Sign Menu  
Gateways

SHEET NO.

B.1

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North Wales, PA 19454  
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**SPECIFICATIONS**

**Destination Arrival**  
DEST\_ID.1  
DEST\_ID.1B

**Service Trailblazers**  
SERVICE.1  
SERVICE.2

**Vehicular Directional – Uptown**  
VDIR.1  
VDIR.2  
VDIR.3

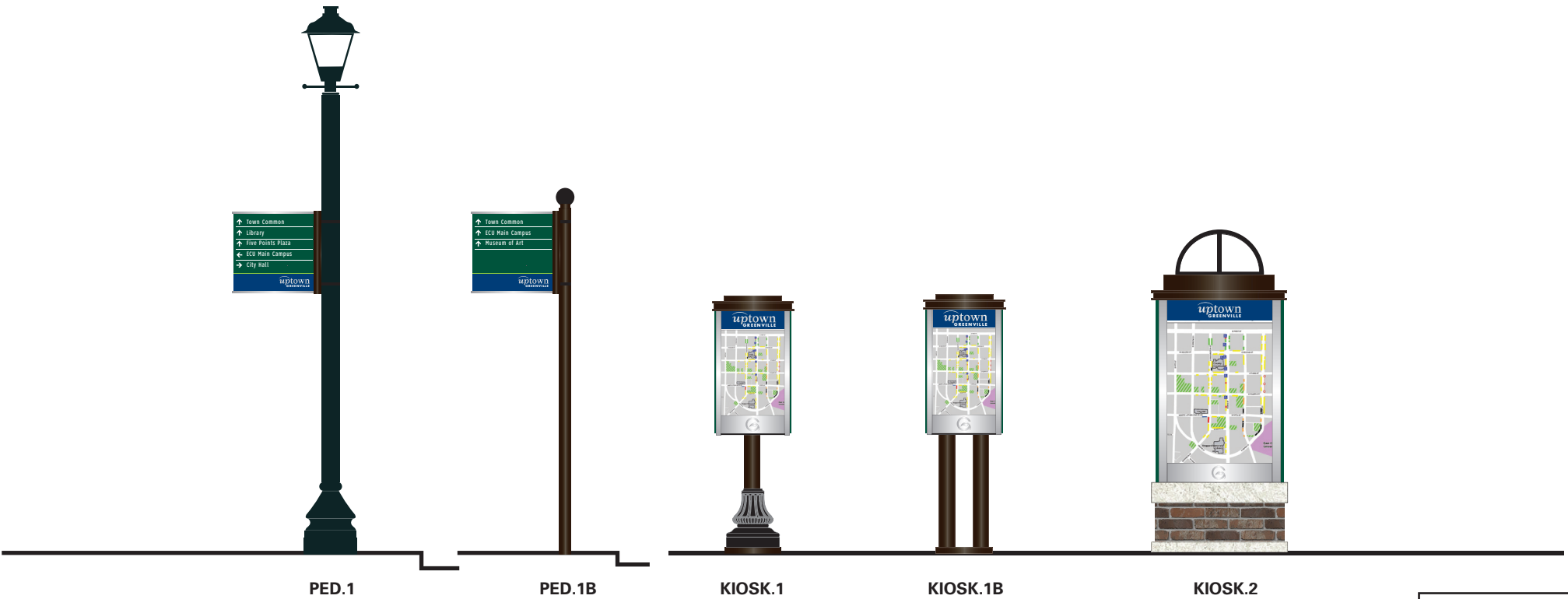
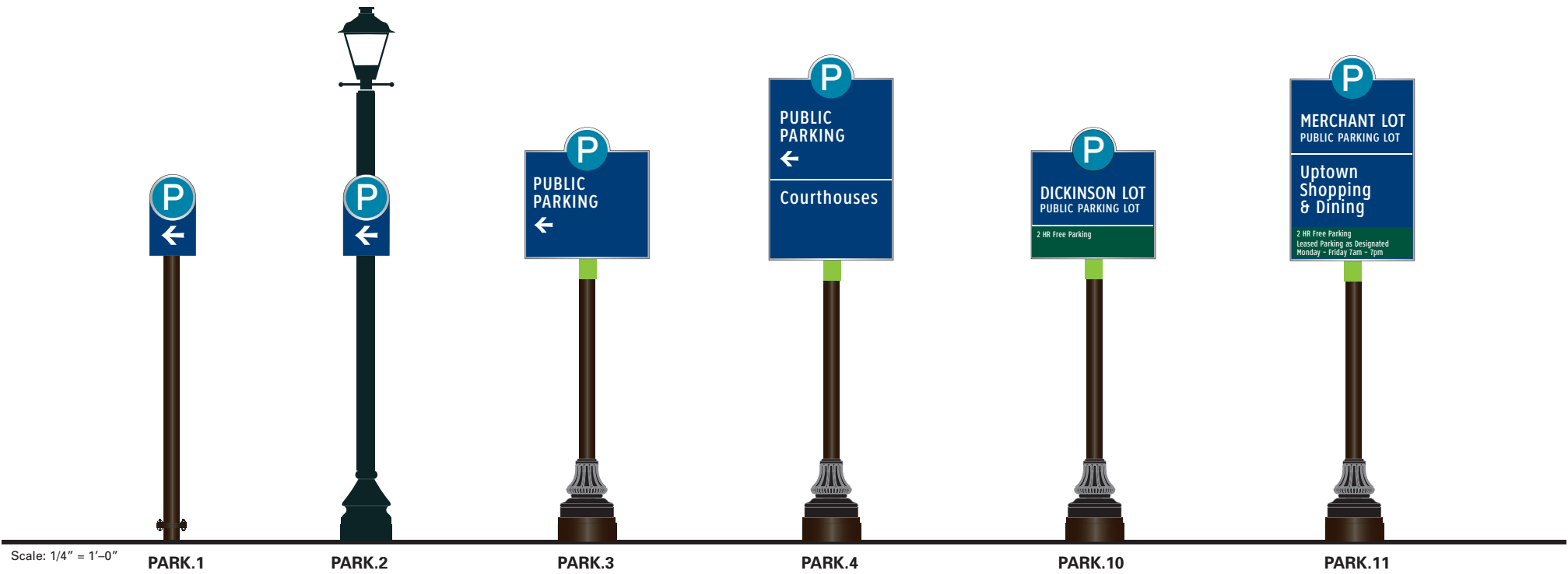
**Vehicular Directional**  
VDIR.1B  
VDIR.2B  
VDIR.3B  
VDIR.4

Upon installation of the sign, the fabricator shall cover the sign with a white vinyl bag, with drawstrings or other method of attachment and closure. The City of  
4  
Greenville logo (1 color) shall be silkscreened on the outside of the bag.  
1. All signs shall be covered until accepted by the City of Greenville  
2. Installer is responsible for removal of all bags within 24 hours of acceptance.  
3. Designer will supply Logo artwork and layout.

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		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	B.2



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### SPECIFICATIONS

#### Parking Directionals

PARK.1  
PARK.2  
PARK.3  
PARK.4

#### Parking Identification

PARK.10  
PARK.11

#### Pedestrian Directionals

PED.1  
PED.1B

#### Pedestrian Kiosks

KIOSK.1  
KIOSK.1B  
KIOSK.2

Upon installation of the sign, the fabricator shall cover the sign with a white vinyl bag, with drawstrings or other method of attachment and closure. The City of 4 Greenville logo (1 color) shall be silkscreened on the outside of the bag.  
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08/06/2010  
09/01/2010  
01/31/2011

SHEET TITLE

**Sign Menu**  
**Parking & Pedestrian**

SHEET NO.

**B.3**

### C. Placement Guidelines

Figure 1

Sign A: VDIR.1-VDIR.4,  
SERVICE.1-SERVICE.2

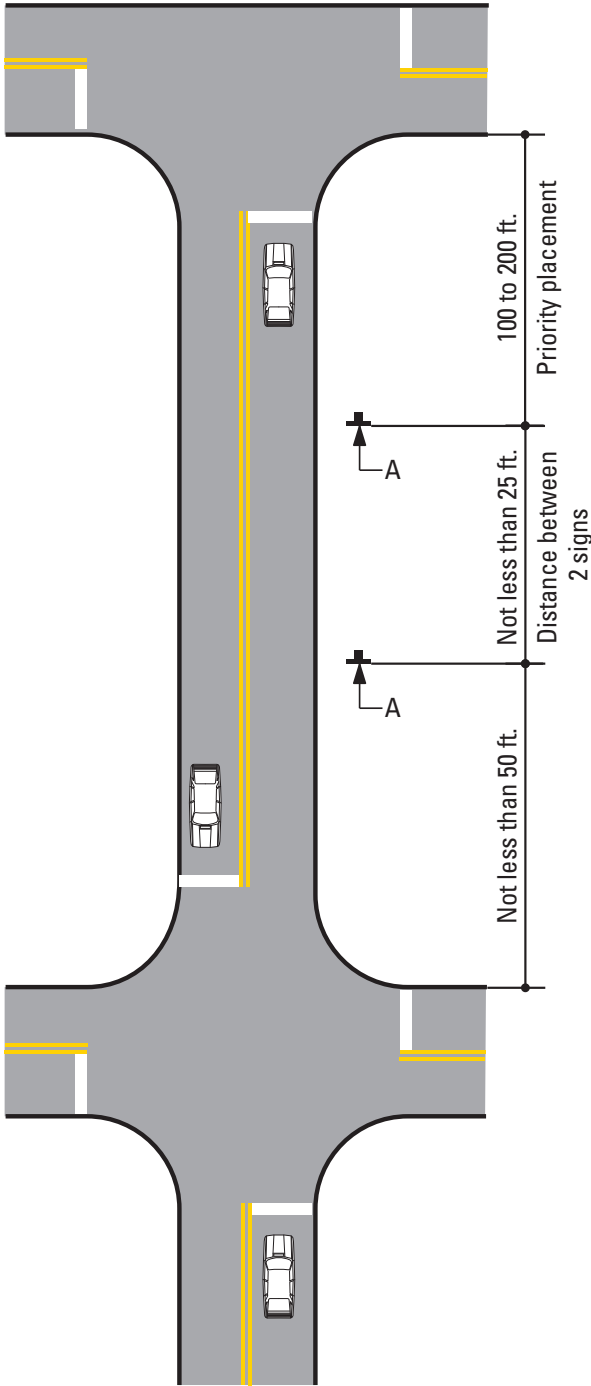
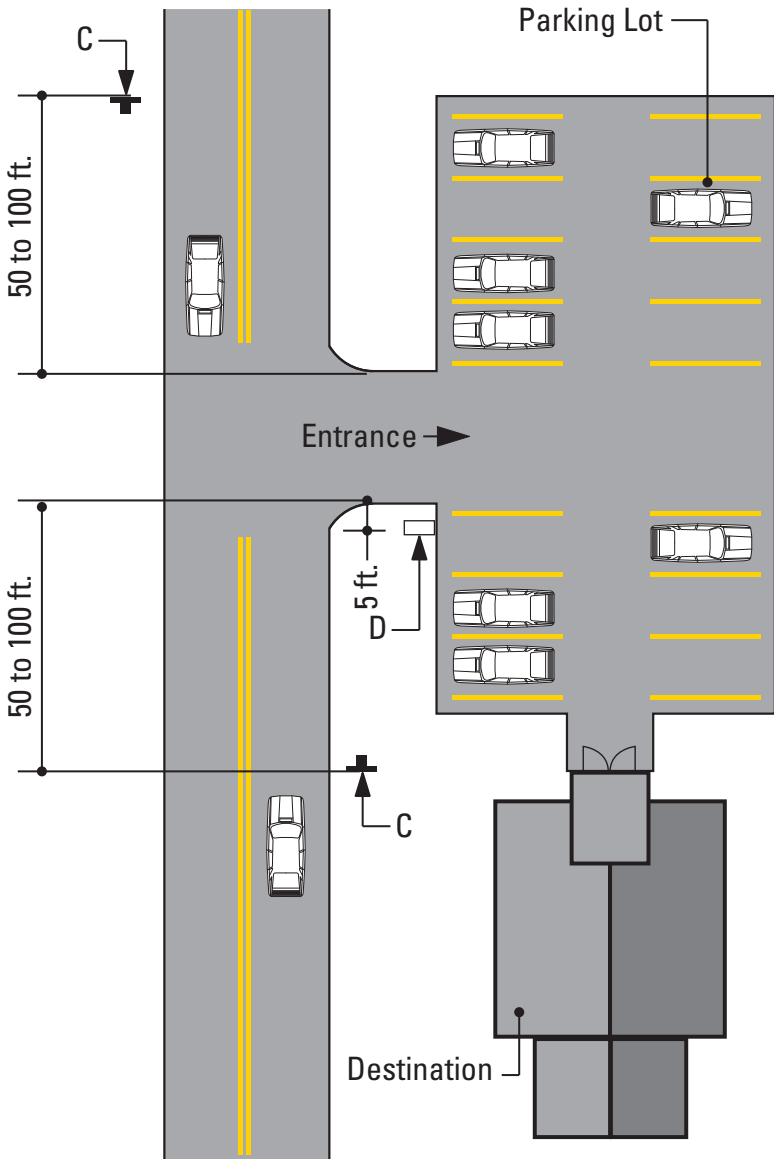


Figure 2

Sign C: PARK.1-PARK.4  
Sign D: PARK.10-PARK.11



SPECIFICATIONS

FIGURE 1- Vehicular Directional - Sign Placement Guideline  
FIGURE 2 - Parking - Sign Placement Guideline

Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs shall be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts within the City right-of-way.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(c) Wayfinding Signs shall be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.

(d) There shall be a goal of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 6 represent the guidelines for the location of the various sign types, while Figure 7 illustrates the lateral clearance guidelines.

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SHEET TITLE

Sign Placement  
Guidelines

SHEET NO.

C.1

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Figure 3

Sign E: DESTID.1-DESTID.1b

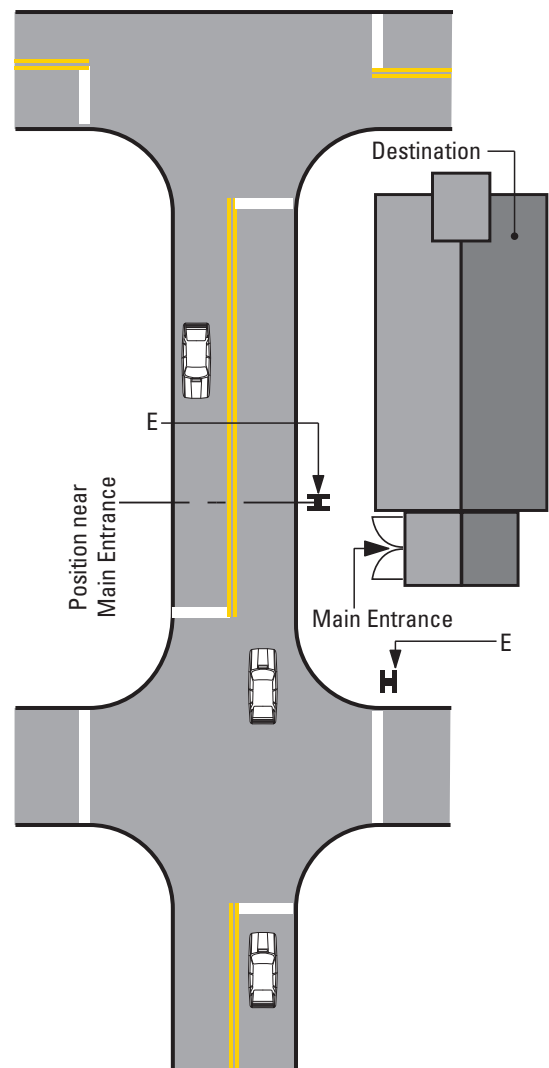
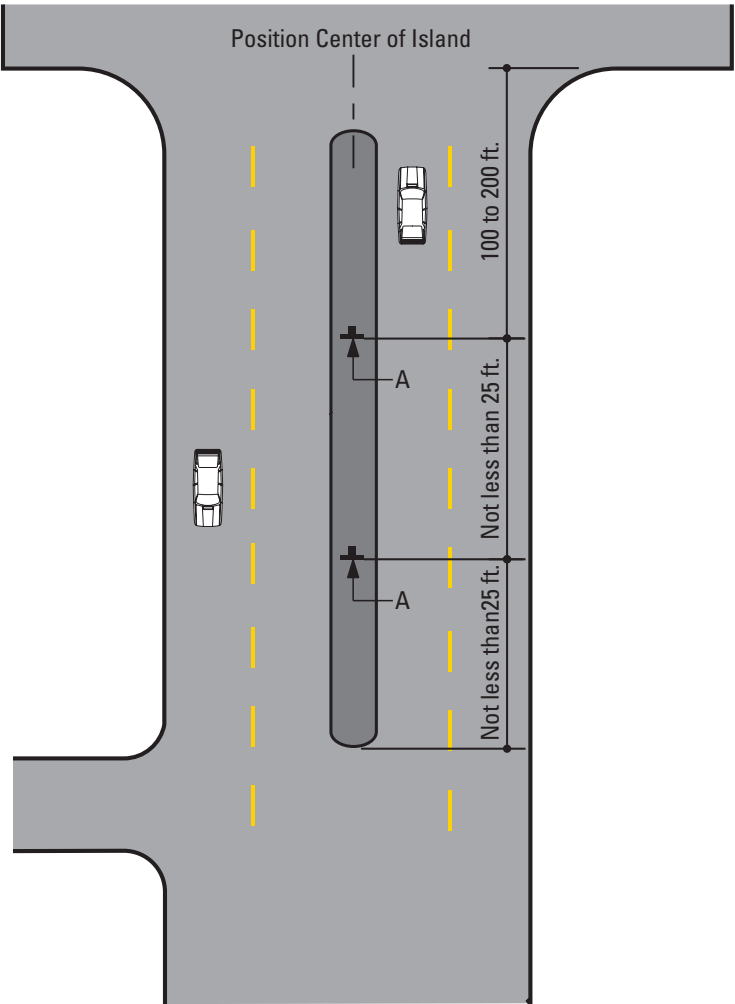


Figure 4

Sign A: VDIR.1-VDIR.4,  
SERVICE.1-SERVICE.2



SPECIFICATIONS

FIGURE 3- Destination Arrival-Vehicular/Pedestrian - Sign Placement Guideline  
FIGURE 4 - Vehicular Directional - Sign Placement Guideline

Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs shall be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts within the City right-of-way.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(c) Wayfinding Signs shall be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.

(d) There shall be a goal of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 6 represent the guidelines for the location of the various sign types, while Figure 7 illustrates the lateral clearance guidelines.

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

NOTES

ENVIRONMENTS & EXPERIENCES

merJe

120 North Church Street  
Suite 208  
West Chester, PA 19380  
T 484.266.0648  
[www.merjedesign.com](http://www.merjedesign.com)

CLIENT / PROJECT

City of Greenville, NC  
City of Greenville, NC  
Wayfinding and Signage

PROJECT NO. Y41-07963

SUBCONSULTANT

DATE 6/30/2009

DRAWN BY: KB/GS

These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.

REVISIONS  
05/22/2010  
08/06/2010  
09/01/2010  
01/31/2011

SHEET TITLE

Sign Placement  
Guidelines

SHEET NO.

C.2

Gary K. Munkelt &  
Associates  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

Figure 5

Sign B: GATE.2a to GATE.2c

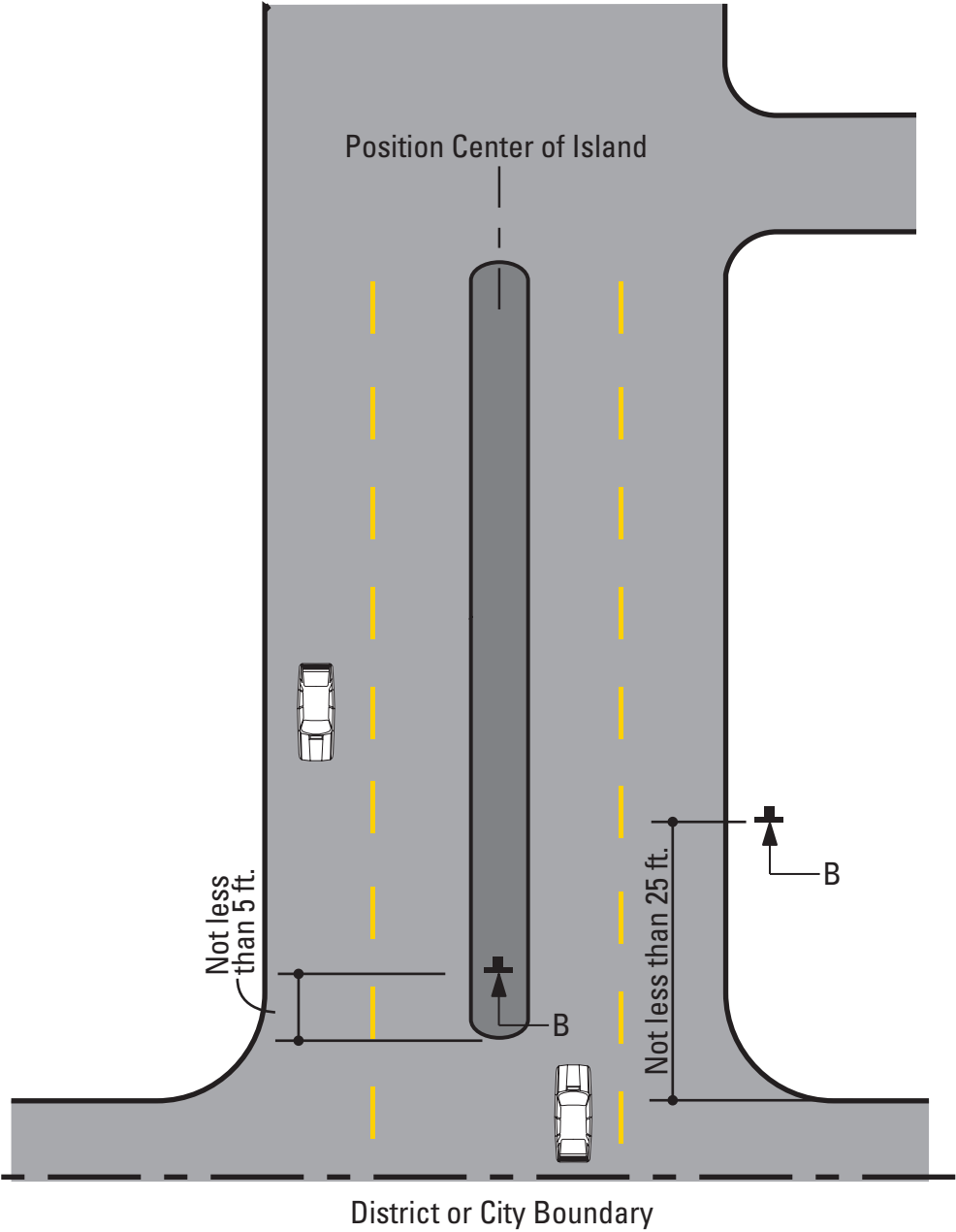
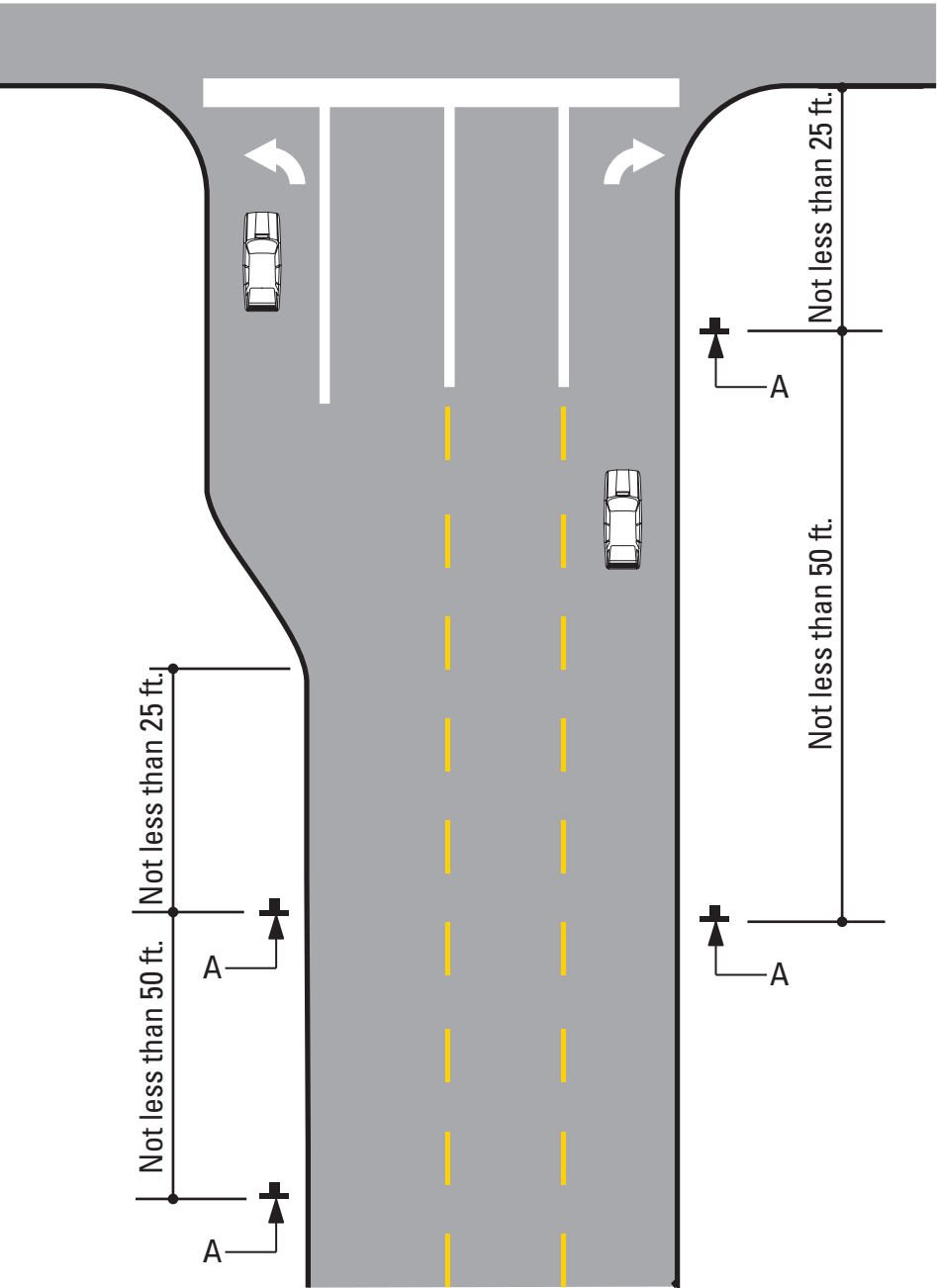


Figure 6

Sign A: VDIR.1 to VDIR.4, SERVICE.1-SERVICE.2



SPECIFICATIONS

FIGURE 5- Gateway/District Arrival-Vehicular - Sign Placement Guideline  
FIGURE 6 - Vehicular Directional - Sign Placement Guideline

Unless approved by the Client or its designated agent, all signs shall be installed to the right of the direction of traffic and where sufficient space is available.

(a) Signs shall be located to take advantage of natural terrain, to minimize impacts on scenic environment and to avoid visual conflicts with other signs, trees and lampposts within the City right-of-way.

(b) Signs shall be located so as not to interfere with, obstruct or divert driver's attention from any other Official Traffic Control Device. Other Official Traffic Control Devices placed at intersection approaches, subsequent to the placement of a Wayfinding Sign, shall have precedence as to location and may require the relocation of the Wayfinding Sign. In the locations where Official Traffic Control Devices are integrated into the Wayfinding Signage System, the Official Traffic Control Devices shall take precedence with regard to order, space and location, over other information.

(c) Wayfinding Signs shall be positioned in such a manner that does not restrict driver's attention or view when making turns or driving through an intersection.

(d) There shall be a goal of one sign per block, although two are permissible, where necessary.

The following pages illustrate installation guidelines for the location and spacing of the various sign types. Figures 1 through 6 represent the guidelines for the location of the various sign types, while Figure 7 illustrates the lateral clearance guidelines.

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

NOTES

ENVIRONMENTS & EXPERIENCES

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[www.merjedesign.com](http://www.merjedesign.com)

CLIENT / PROJECT

City of Greenville, NC  
City of Greenville, NC  
Wayfinding and Signage

PROJECT NO. Y41-07963

SUBCONSULTANT

DATE 6/30/2009

DRAWN BY: KB/GS

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REVISIONS  
05/22/2010  
08/06/2010  
09/01/2010  
01/31/2011

SHEET TITLE

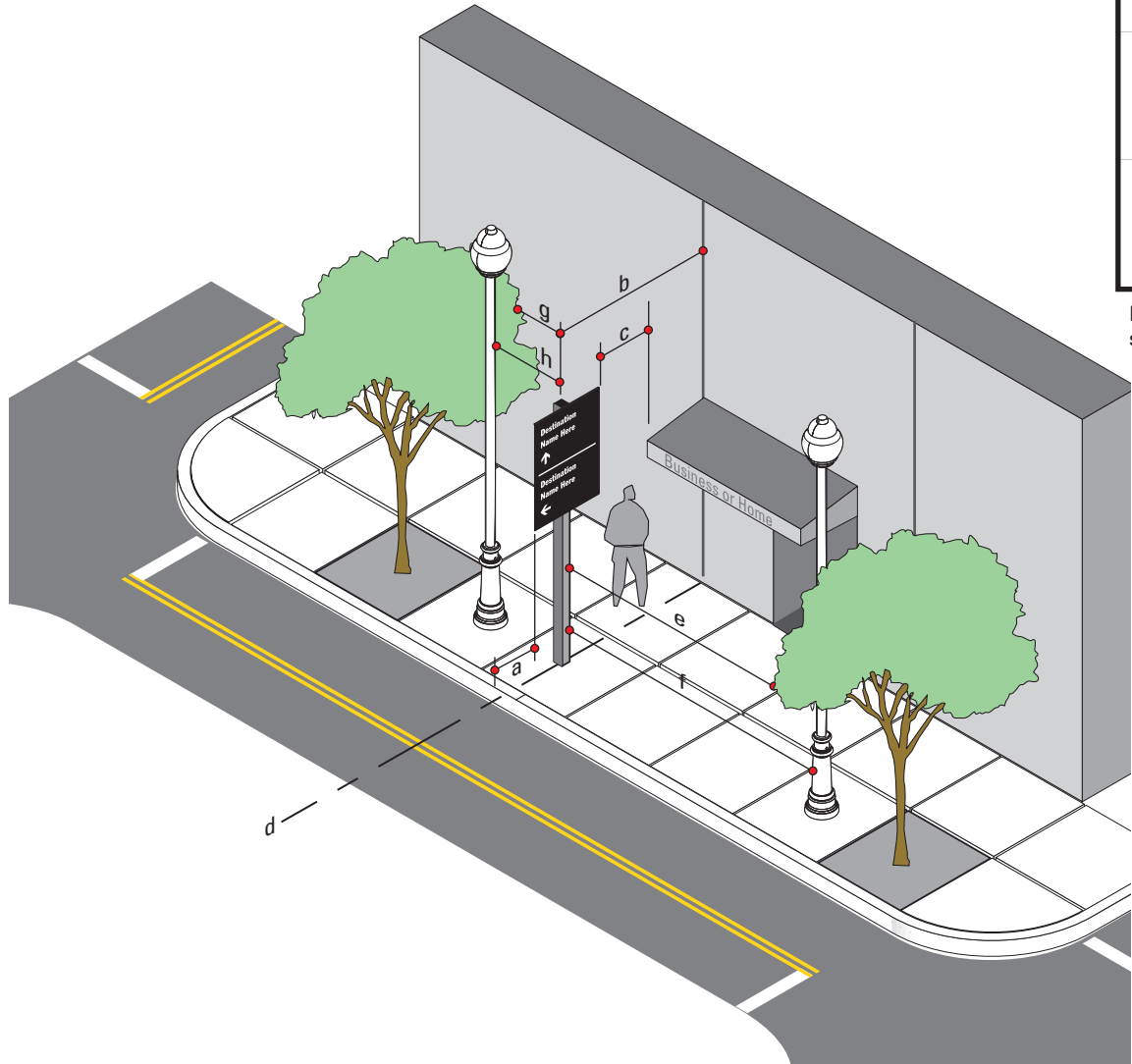
Sign Placement Guidelines

SHEET NO.

C.3

Gary K. Munkelt & Associates  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714





SIGN TYPE	MEASURE	PREFERRED DISTANCE	MINIMUM DISTANCE
a	Distance from Edge of Sign Panel to Edge of Curb	2'-0" or more	1' - 0"
b	Distance from Sign Post to Nearest Obstruction	4' - 0" or more	3' - 0"
c	Distance from Edge of Sign Panel to Nearest Overhead Obstruction	4' - 0" or more	1' - 0"
d	Sign Placement in Relation to Adjacent Building	align to building Edge	Do Not obstruct Entrance
e	Distance from Face of Sign to Nearest Tree Branch	20' - 0" or more	15' - 0"
f	Distance from Face of Sign to Nearest Utility Pole	15' - 0" or more	10' - 0"
g	Distance from Back of Sign to Nearest Tree Branch	8' - 0" or more	3' - 0"
h	Distance from Back of Sign to Nearest Utility Pole	15' - 0" or more	10' - 0"

Measurements and Distances shown are guidelines only prevailing local and state codes shall supersede information presented.

Gary K. Munkelt & Associates  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS

DESIGN NOTE:  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

NOTES

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SUBCONSULTANT

DATE

6/30/2009

DRAWN BY:

KB/GS

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REVISIONS

05/22/2010

08/06/2010

09/01/2010

01/31/2011

CLIENT / PROJECT

City of Greenville, NC

City of Greenville, NC

Wayfinding and Signage

PROJECT NO.

Y41-07963

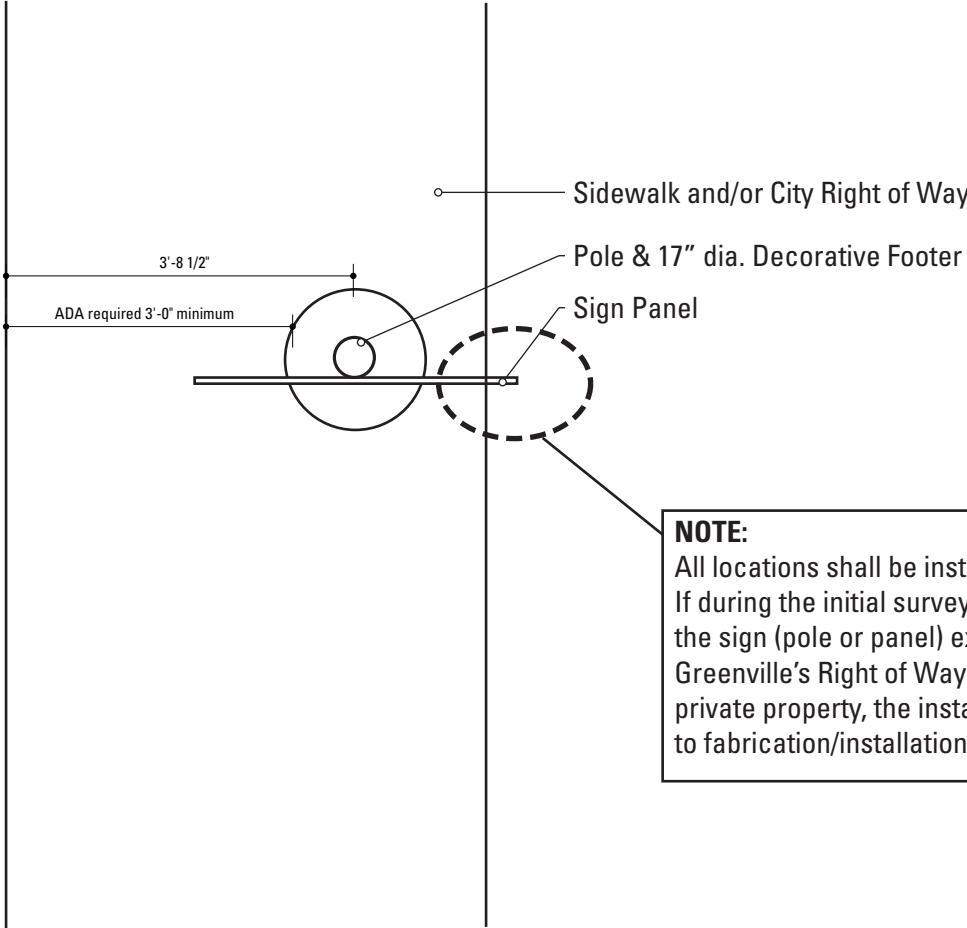
SHEET TITLE

Sign Placement Guidelines

SHEET NO.

C.4

Example Sidewalk & City Right of Way (Sidewalk widths vary)



**NOTE:**  
All locations shall be installed within the City ROW. If during the initial survey it is determined any part of the sign (pole or panel) extends outside of the City of Greenville’s Right of Way vertical plane and into private property, the installer must notify the city prior to fabrication/installation.

**1** Reference View: Example - 5 foot Sidewalk / City Right of Way  
SCALE: 1/2" = 1'-0"

SIGN TYPE	DISTANCE EDGE OF CURB to EDGE OF SIGN PANEL	DISTANCE TO CENTER OF POST
DEST_ID.1-1B	2'-0"	3'-8"
DEST_ID.1-1B	1'-6"	3'-2"
DEST_ID.1-1B	1'-0"	2'-8"
DIST_GATE.1-2A-B	2'-0"	5'-2 1/2"
DIST_GATE.1-2A-B	1'-6"	4'-8 1/2"
DIST_GATE.1-2A-B	1'-0"	4'-2 1/2"
DIST_GATE.1-2C	2'-0"	5'-8 1/2"
DIST_GATE.1-2C	1'-6"	5'-2 1/2"
DIST_GATE.1-2C	1'-0"	4'-8 1/2"
GATE.2	2'-0"	5'-1 3/8"
GATE.2	1'-6"	4'-7 3/8"
GATE.2	1'-0"	4'-1 3/8"
PARK.1	2'-0"	2'-7 1/2"
PARK.1	1'-6"	2'-1 1/2"
PARK.1	1'-0"	1'-7 1/2"
PARK.3-4	2'-0"	3'-8"
PARK.3-4	1'-6"	3'-2"
PARK.3-4	1'-0"	2'-8"
PARK.10-11	2'-0"	3'-8"
PARK.10-11	1'-6"	3'-2"
PARK.10-11	1'-0"	2'-8"
SERVICE.1-2	2'-0"	2'-9 3/4"
SERVICE.1-2	1'-6"	2'-3 3/4"
SERVICE.1-2	1'-0"	1'-9 3/4"
VDIR.1-3	2'-0"	3'-8"
VDIR.1-3	1'-6"	3'-2"
VDIR.1-3	1'-0"	2'-8"
VDIR.1B-3B	2'-0"	3'-8"
VDIR.1B-3B	1'-6"	3'-2"
VDIR.1B-3B	1'-0"	2'-8"

SPECIFICATIONS

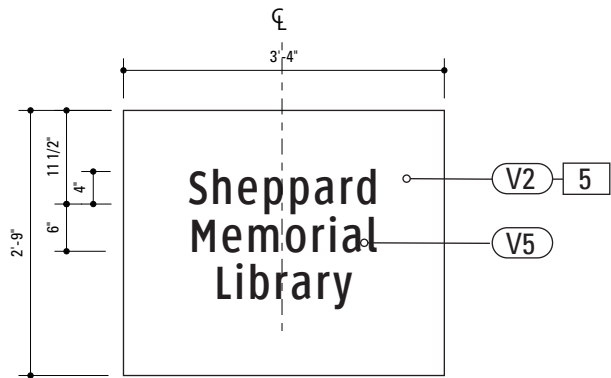
**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

- NOTES**
- Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  - Welds: All welds shall be ground smooth, paint all seams.
  - Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  - All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlamineate.

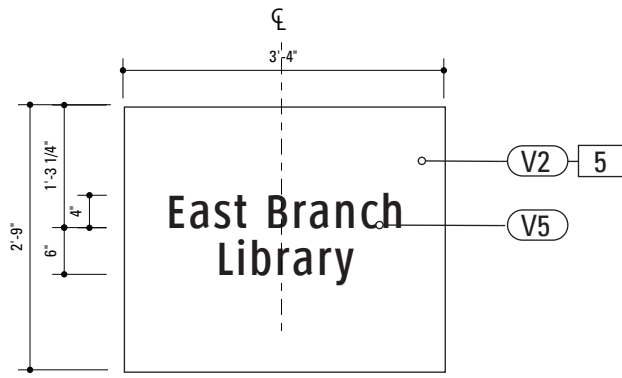
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET TITLE	
		Sign Placement Guidelines	
		SHEET NO.	
		C.5	

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
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North Wales, PA 19454  
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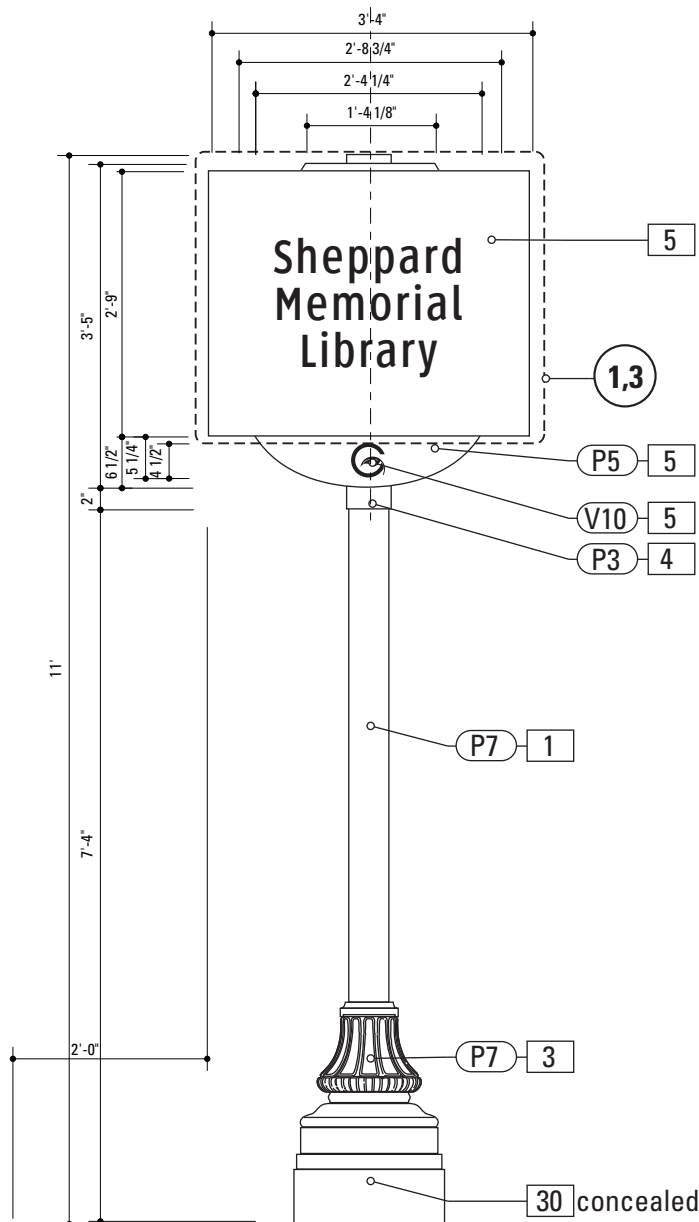
#### D. Design Intent Drawings



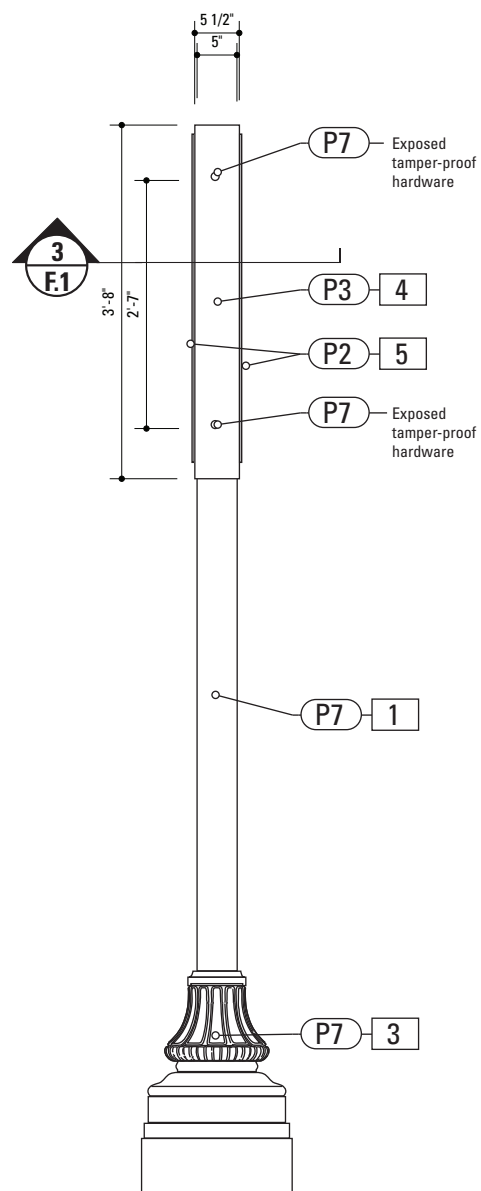
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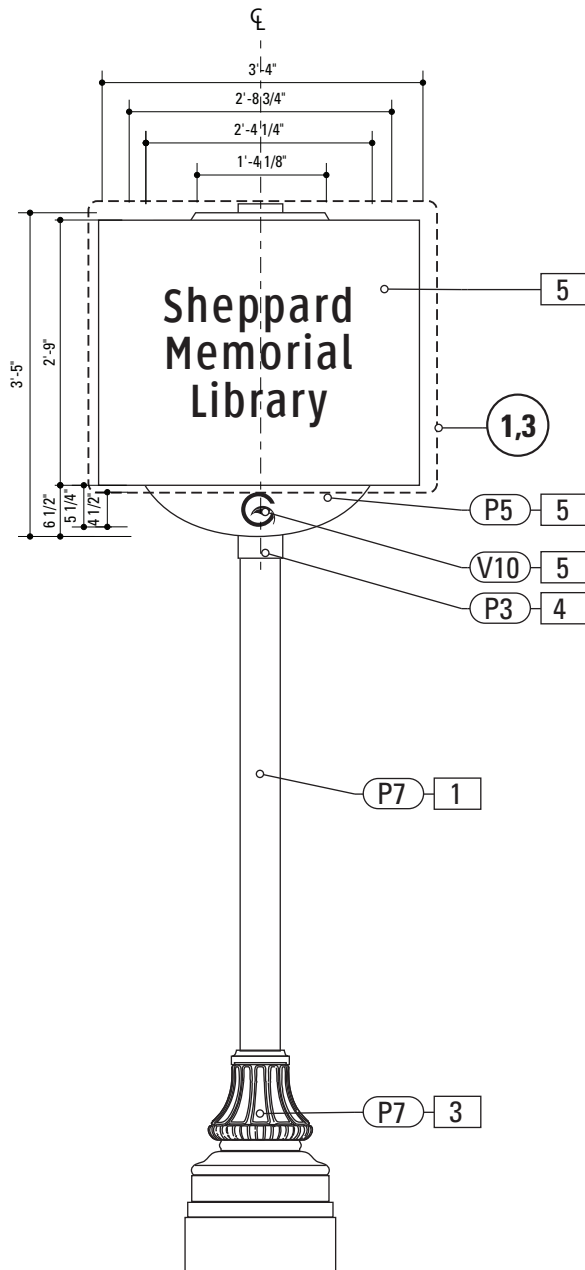
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2 Front Elevation: DESTID.1  
SCALE: 1/2" = 1'-0"



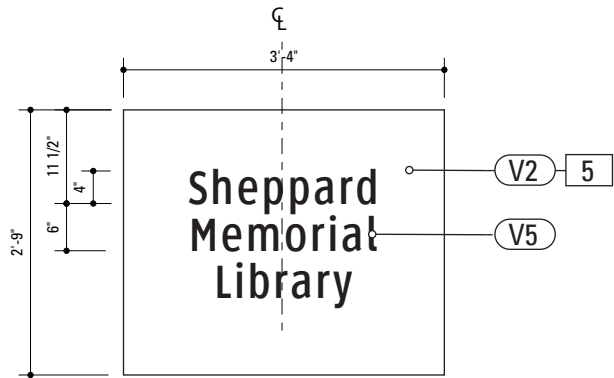
4 Side View: DESTID.1  
SCALE: 1/2" = 1'-0"



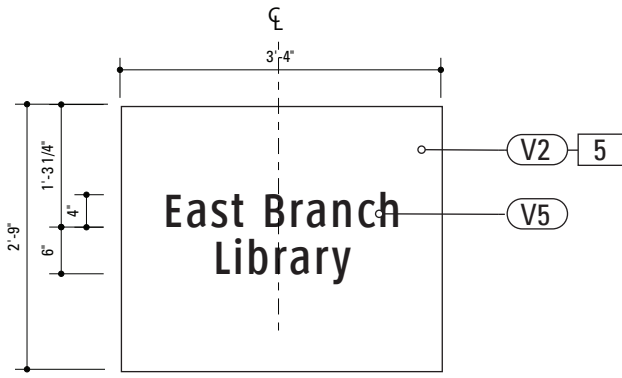
5 Back View: DESTID.1  
SCALE: 1/2" = 1'-0"

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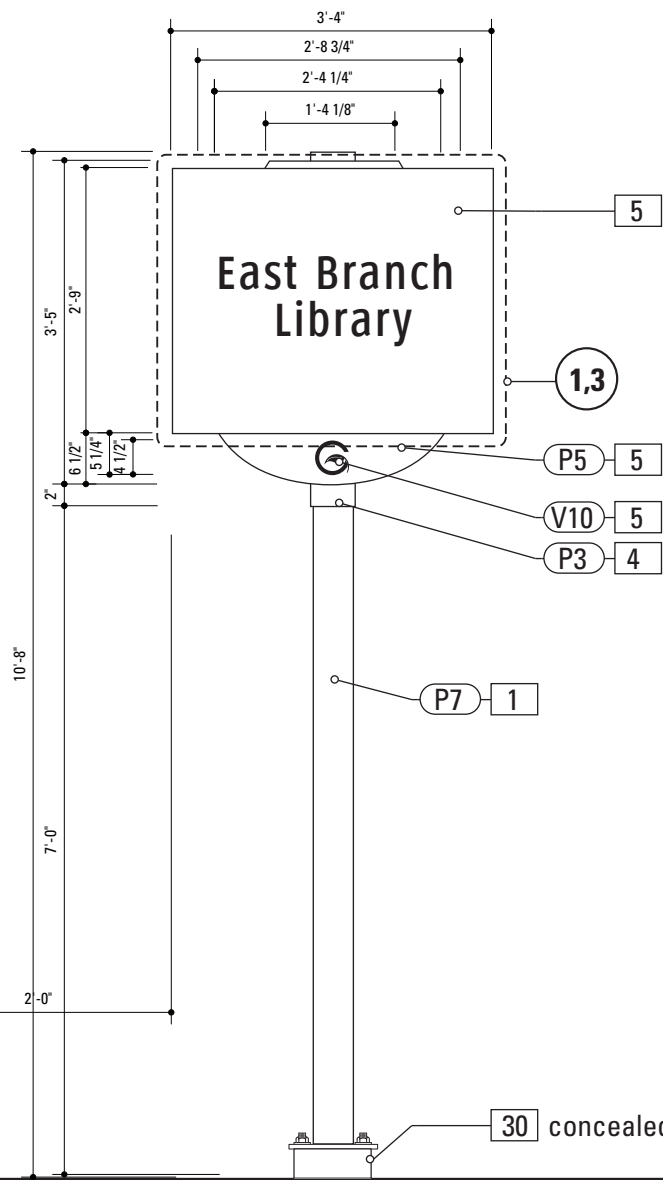
SPECIFICATIONS		SIGN TYPE: DEST_ID.1	FUNCTION: Arrival Sign
<div>1. POLE</div> <div>POLE: 5" Nominal dia. OD: 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</div> <div>Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.</div>		<div>Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications. Seperate Spun Metal Base Cover hides couplings.</div> <div>Finish: Factory Finish from Pole/Base Manufacturer.</div> <div>NOTE: A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.) Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval. The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.</div>	
<div>3. DECORATIVE BASE</div> <div>CAST: Wrap around 2 piece base. Mechanically tightened. MATERIAL: Aluminum EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal. FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit. NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.</div>			
<div>4. SLEEVE</div> <div>MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole</div>			
<div>5. SIGN PANEL - REFLECTIVE VINYL</div> <div>MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications. Note Lower portion of Sign Panel is Painted with Applied Opaque Graphic</div>		<div>DESIGN NOTE: Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>	
<div>30. BREAKAWAY FOOTER</div>			
<div>NOTES</div> <div>1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.</div> <div>2. Welds: All welds shall be ground smooth, paint all seams.</div> <div>3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.</div> <div>4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminat.</div>			
<div>ENVIRONMENTS &amp; EXPERIENCES</div> <div>merJe</div> <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com</div>			<div>CLIENT / PROJECT</div> <div>City of Greenville, NC City of Greenville, NC Wayfinding and Signage</div>
<div>SUBCONSULTANT</div>			<div>PROJECT NO.</div> <div>Y41-07963</div>
<div>DATE</div> <div>6/30/2009</div>			<div>SHEET TITLE</div> <div>Sign Type DEST_ID.1 Arrival Sign</div>
<div>DRAWN BY:</div> <div>KB/GS</div>			
<div>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</div>			
<div>REVISIONS</div> <div>05/22/2010</div>			
<div>08/06/2010</div>			
<div>09/01/2010</div>			<div>SHEET NO.</div> <div>D.1</div>
<div>01/31/2011</div>			



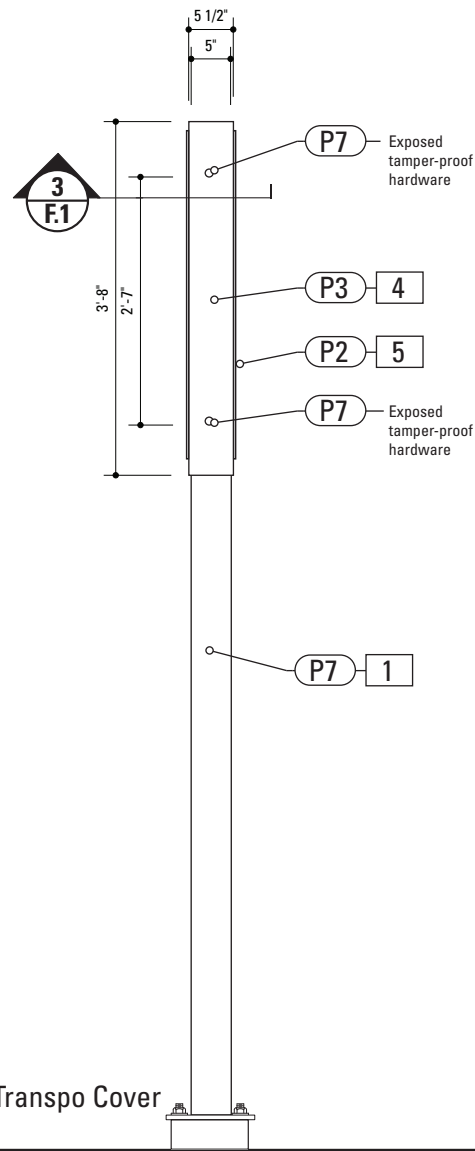
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SCALE: 1/2" = 1'-0"



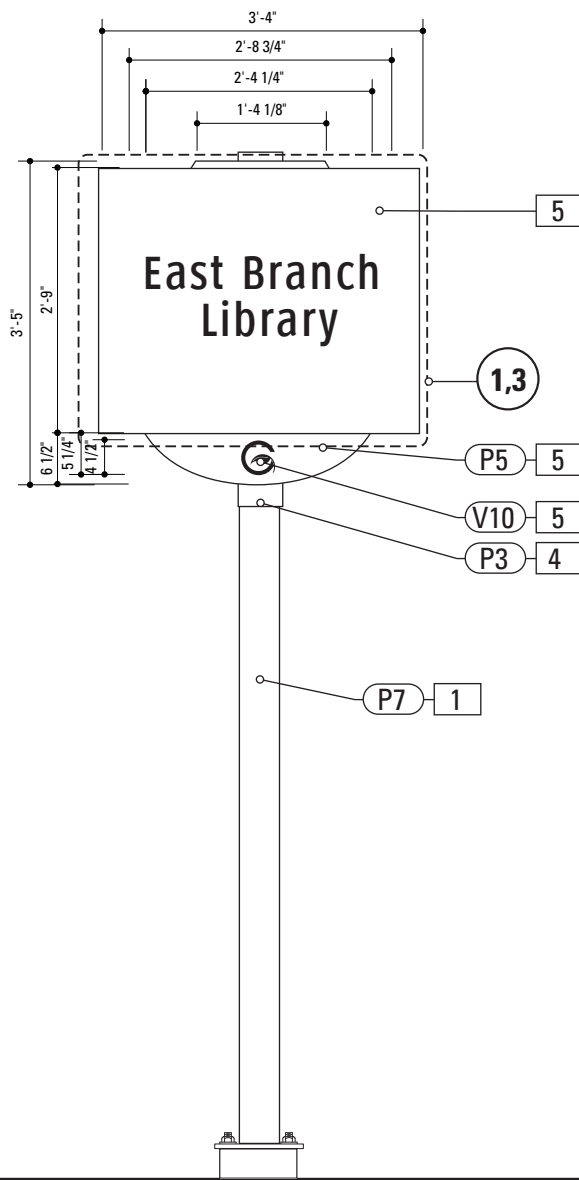
3 Alt. Graphic Layout: DESTID.1B  
SCALE: 1/2" = 1'-0"



2 Front Elevation: DESTID.1B  
SCALE: 1/2" = 1'-0"



4 Side View: DESTID.1B  
SCALE: 1/2" = 1'-0"



5 Back View: DESTID.1B  
SCALE: 1/2" = 1'-0"

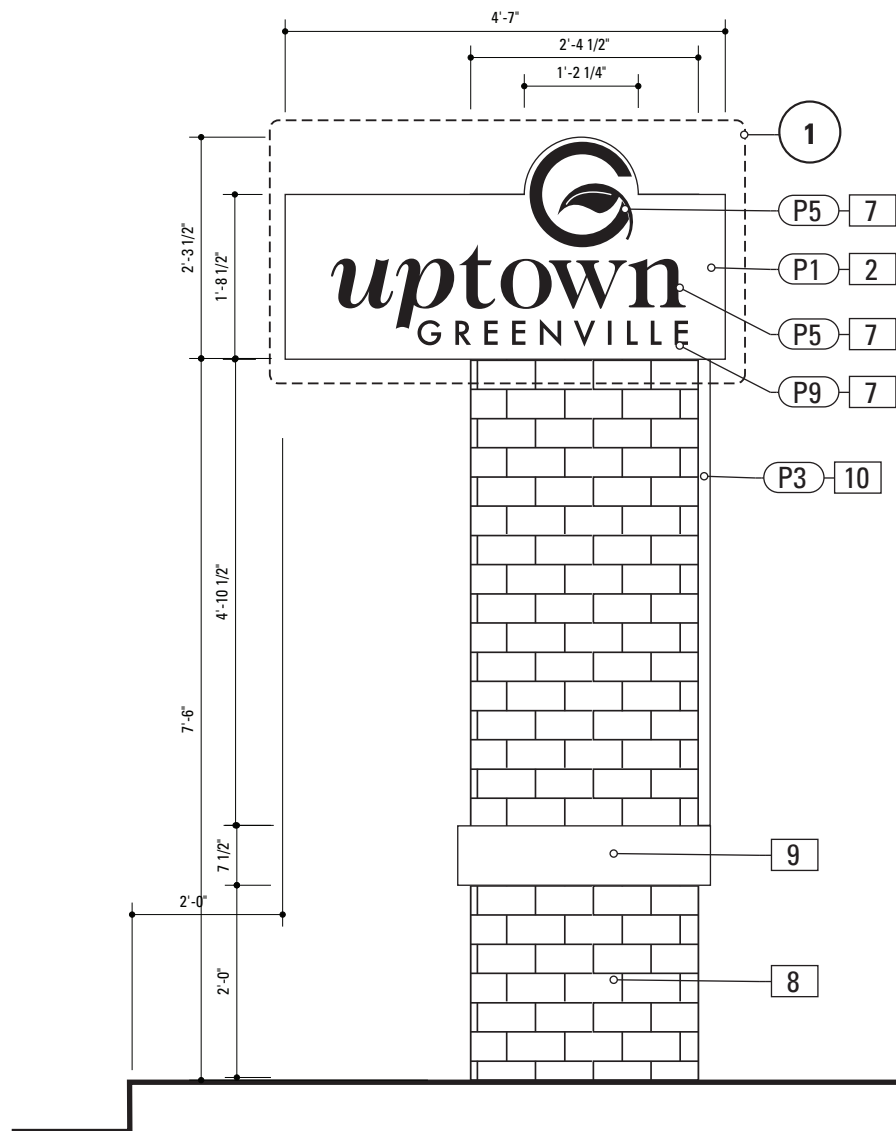
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: DEST_ID.1B	FUNCTION: Destination Arrival
<div>1. POLE</div> <div>POLE: 5" Nominal dia. OD. 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</div> <div>Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.</div> <div>4. SLEEVE</div> <div>MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole</div> <div>5. SIGN PANEL - REFLECTIVE VINYL</div> <div>MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications. Note Lower portion of Sign Panel is Painted with Applied Opaque Graphic</div> <div>30. BREAKAWAY FOOTER</div> <div>Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.</div> <div>DESIGN NOTE: Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>			
<div>NOTES</div> <div>1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.</div> <div>2. Welds: All welds shall be ground smooth, paint all seams.</div> <div>3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.</div> <div>4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.</div>			
<div>ENVIRONMENTS &amp; EXPERIENCES</div> <div>merJe</div> <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com</div>		CLIENT / PROJECT	
		<div>City of Greenville, NC</div> <div>City of Greenville, NC</div> <div>Wayfinding and Signage</div>	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE 6/30/2009		DRAWN BY: KB/GS	
<div>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</div>		SHEET TITLE	
		Sign Type DEST_ID.1B Arrival Sign	
		SHEET NO.	
		D.2	
		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	

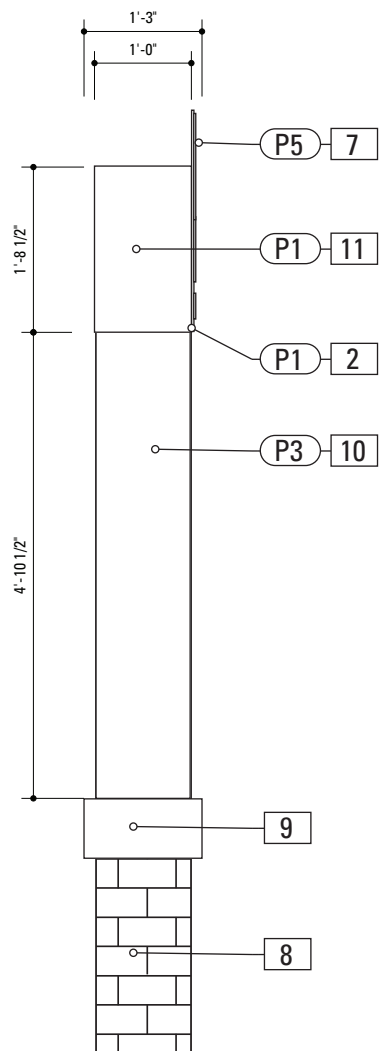




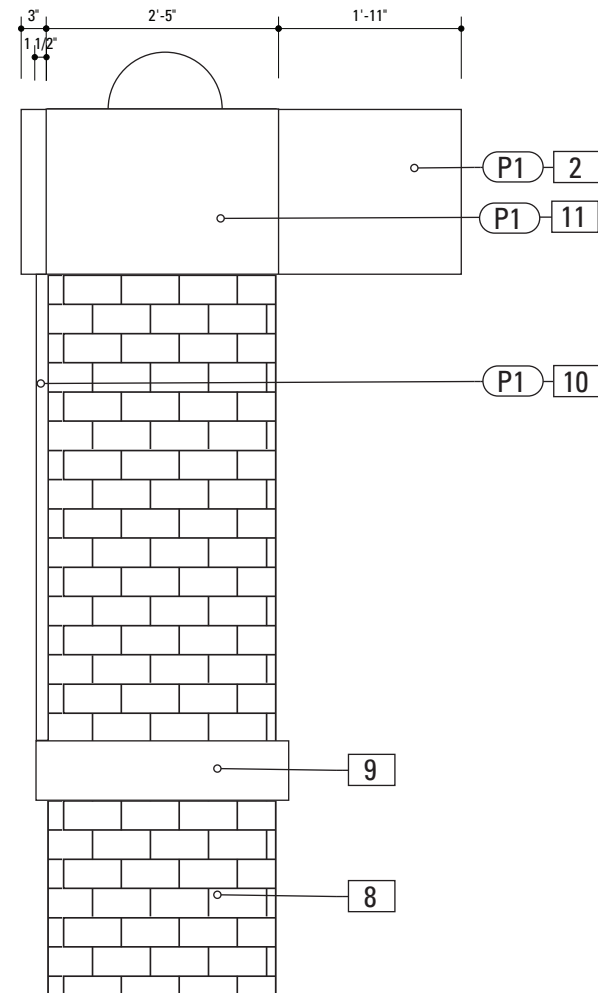
1 Graphic Layout: DIST\_GATE.1A  
SCALE: 1/2" = 1'-0"



2 Front Elevation: DIST\_GATE.1A  
SCALE: 1/2" = 1'-0"



4 Side View: DIST\_GATE.1A  
SCALE: 1/2" = 1'-0"



6 Back View: DIST\_GATE.1A  
SCALE: 1/2" = 1'-0"

Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor. Product samples are to be provided to the designer/owner for review including sample of etched stone.

Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.

<http://www.brick.com/cgi-bin/colorSelection.pl>

Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.

Finish: Diamond Ground

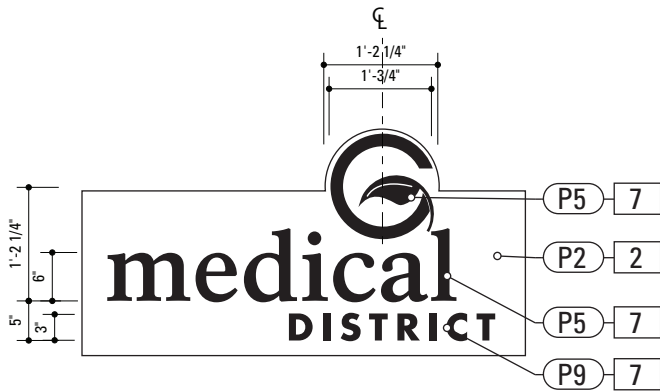
Graphic Sandblast Engraved Black Shadow.

<http://www.coldspringgranite.com/Stone-Detail/Kashmir-White.aspx>

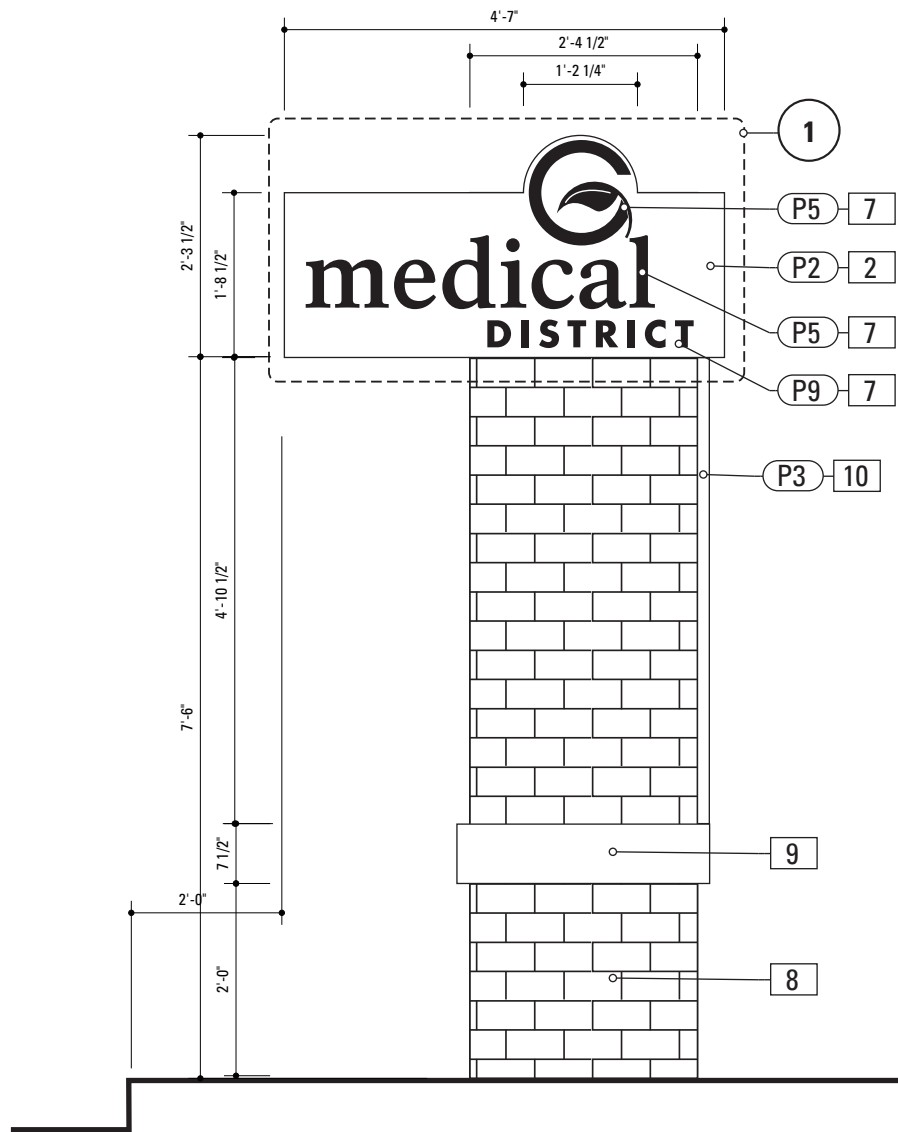
SPECIFICATIONS		SIGN TYPE: DISTGATE.1A FUNCTION: District Gateway	
<b>2. SIGN PANEL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to sleeve			
<b>7. DIMENSIONAL GRAPHICS</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Water Jet or Router cut EDGES: Smooth COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Chemical weld to sign panel			
<b>8. BRICK BASE</b> MATERIAL: Cinderblock base and brick to match uptown streetscape plan or approved equal FABRICATION PROCESS: Cinderblock base, clad in brick EDGES: Square CORNERS: Square COLOR: Match Master Plan Specification FOOTER: As per NCDOT Division 9 Breakaway specifications NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.			
<b>9. STONE ACCENT</b> MATERIAL: Stone to match uptown streetscape plan or approved equal FABRICATION PROCESS: Match Master Plan Specification EDGES: Square CORNERS: Square COLOR: Match Master Plan Specification FASTENER: Match Master Plan Specification			
<b>10. ACCENT PANEL</b> MATERIAL: 1/2" thk Aluminum FABRICATION PROCESS: Square Cut EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to brick base			
<b>11. BRACKET</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to brick base			
<b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.			
<b>ENVIRONMENTS &amp; EXPERIENCES</b>  merJe 120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		CLIENT / PROJECT  City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		Sign Type DIST_GATE.1A District Gateway	
		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	
		D.3	

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

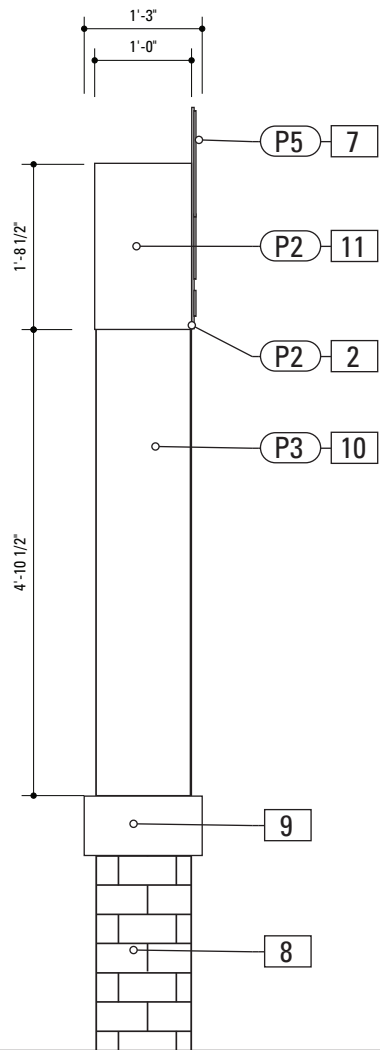
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714



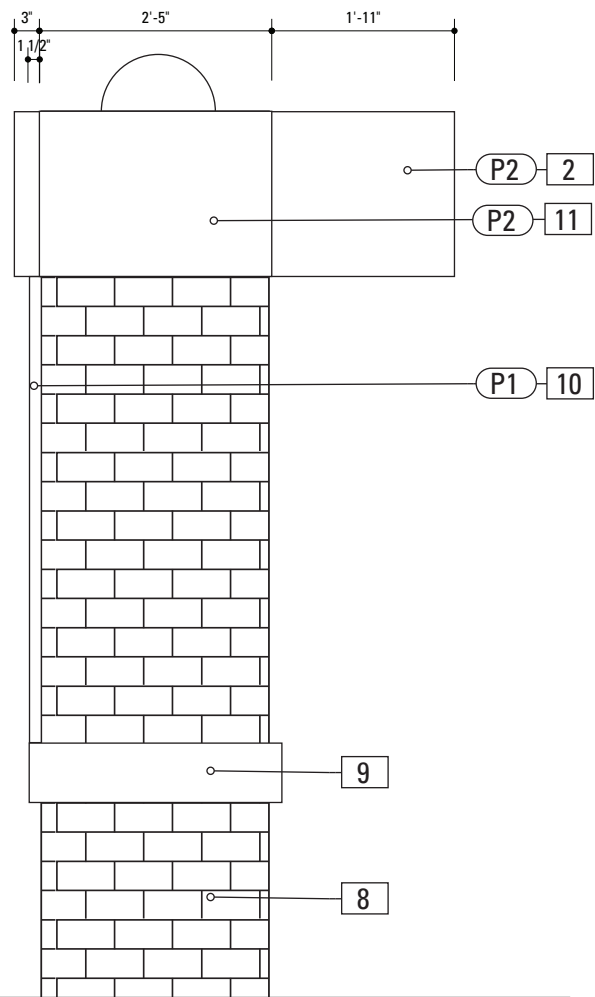
**5** Alt. Graphic Layout: DIST\_GATE.1B  
SCALE: 1/2" = 1'-0"



**2** Front Elevation: DIST\_GATE.1B  
SCALE: 1/2" = 1'-0"



**4** Side View: DIST\_GATE.1B  
SCALE: 1/2" = 1'-0"

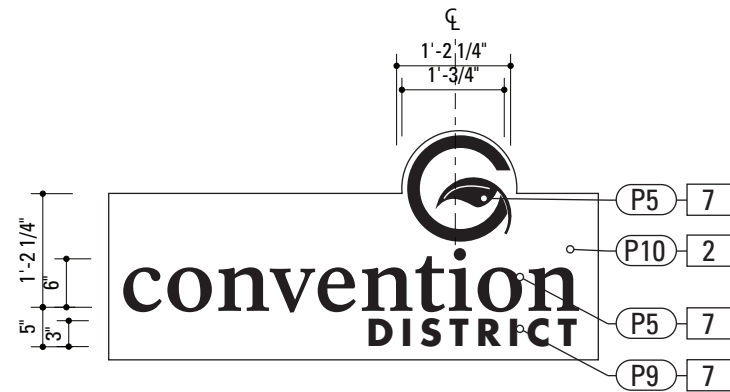


**6** Back View: DIST\_GATE.1B  
SCALE: 1/2" = 1'-0"

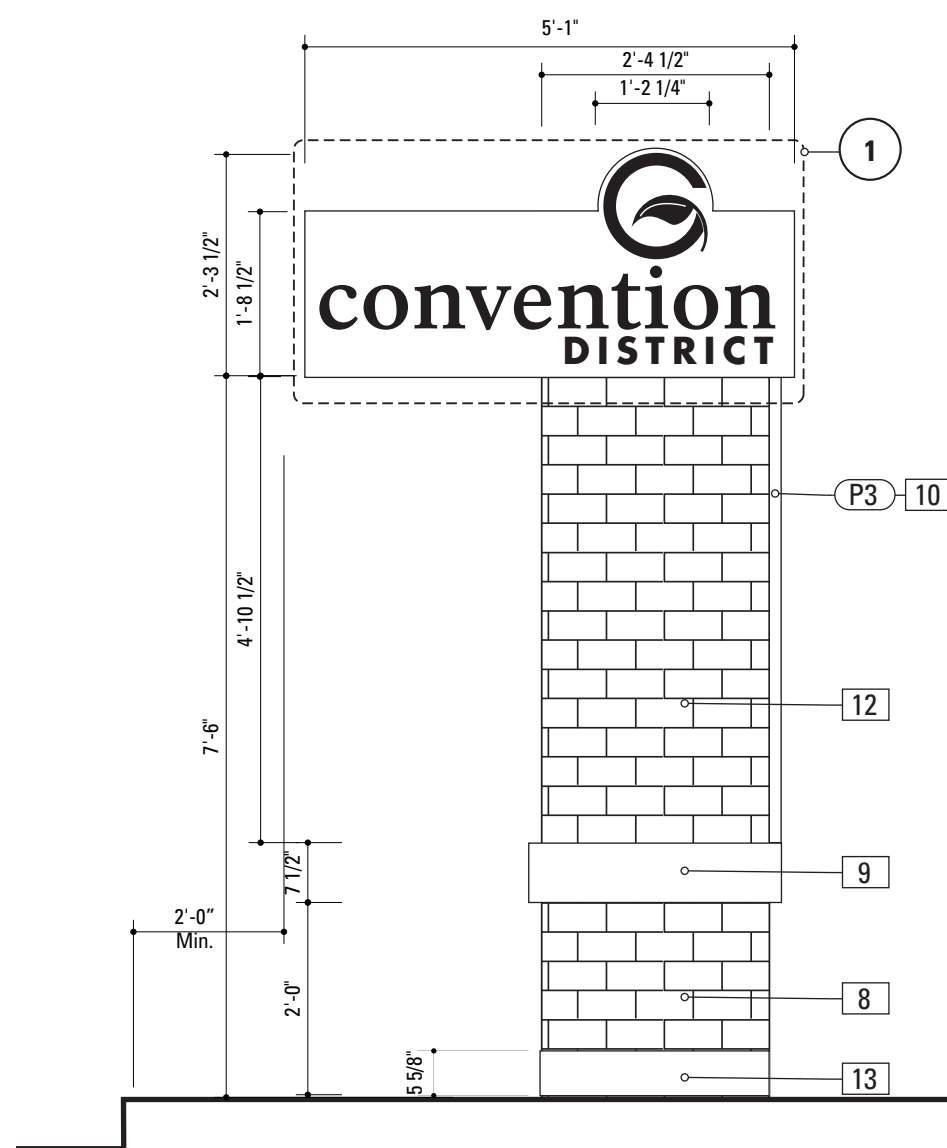
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
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North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor. Product samples are to be provided to the designer/owner for review including sample of etched stone.  
Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.  
<http://www.brick.com/cgi-bin/colorSelection.pl>  
Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.  
Finish: Diamond Ground  
Graphic Sandblast Engraved Black Shadow.  
[http://www.coldspringgranite.com/Stone-De-tail/Kashmir-White.aspx](http://www.coldspringgranite.com/Stone-Detail/Kashmir-White.aspx)

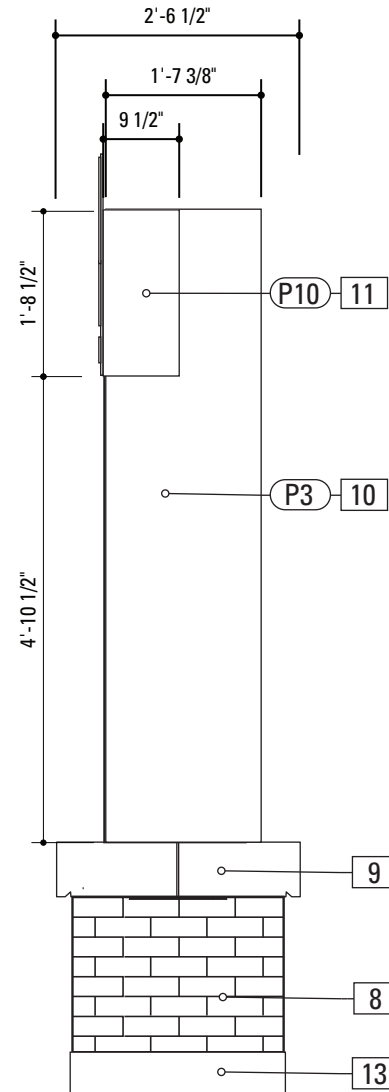
SPECIFICATIONS		SIGN TYPE: DISTGATE.1B FUNCTION: District Gateway	
<div>2. SIGN PANEL</div> <div>MATERIAL: 1/4" thk Aluminum</div> <div>FABRICATION PROCESS: Router Cut</div> <div>EDGES: Smooth</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div> <div>FASTENER: Mechanically fastened to sleeve</div>			
<div>7. DIMENSIONAL GRAPHICS</div> <div>MATERIAL: 1/4" thk Aluminum</div> <div>FABRICATION PROCESS: Water Jet or Router cut</div> <div>EDGES: Smooth</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div> <div>FASTENER: Chemical weld to sign panel</div>			
<div>8. BRICK BASE</div> <div>MATERIAL: Cinderblock base and brick to match uptown streetscape plan or approved equal</div> <div>FABRICATION PROCESS: Cinderblock base, clad in brick</div> <div>EDGES: Square</div> <div>CORNERS: Square</div> <div>COLOR: Match Master Plan Specification</div> <div>FOOTER: As per NCDOT Division 9 Breakaway specifications</div> <div>NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.</div>			
<div>9. STONE ACCENT</div> <div>MATERIAL: Stone to match uptown streetscape plan or approved equal</div> <div>FABRICATION PROCESS: Match Master Plan Specification</div> <div>EDGES: Square</div> <div>CORNERS: Square</div> <div>COLOR: Match Master Plan Specification</div> <div>FASTENER: Match Master Plan Specification</div>			
<div>10. ACCENT PANEL</div> <div>MATERIAL: 1/2" thk Aluminum</div> <div>FABRICATION PROCESS: Square Cut</div> <div>EDGES: Square</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div> <div>FASTENER: Mechanically fastened to brick base</div>			
<div>11. BRACKET</div> <div>MATERIAL: 1/4" thk Aluminum</div> <div>FABRICATION PROCESS: Extruded</div> <div>EDGES: Square</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div> <div>FASTENER: Mechanically fastened to brick base</div>		<div>DESIGN NOTE:</div> <div>Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>	
<div>NOTES</div> <div>1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.</div> <div>2. Welds: All welds shall be ground smooth, paint all seams.</div> <div>3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.</div> <div>4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.</div>			
<div>ENVIRONMENTS &amp; EXPERIENCES</div> <div>merJe</div> <div>120 North Church Street</div> <div>Suite 208</div> <div>West Chester, PA 19380</div> <div>T 484.266.0648</div> <div>www.merjedesign.com</div>		<div>CLIENT / PROJECT</div> <div>City of Greenville, NC</div> <div>City of Greenville, NC</div> <div>Wayfinding and Signage</div>	
<div>SUBCONSULTANT</div>		<div>PROJECT NO.</div> <div>Y41-07963</div>	
<div>DATE</div> <div>6/30/2009</div>		<div>SHEET TITLE</div> <div>Sign Type DIST_GATE.1B</div> <div>District Gateway</div>	
<div>DRAWN BY:</div> <div>KB/GS</div>		<div>SHEET NO.</div>	
<div>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</div>		<div>REVISIONS</div> <div>05/22/2010</div> <div>08/06/2010</div> <div>09/01/2010</div> <div>01/31/2011</div>	
		<div>D.4</div>	



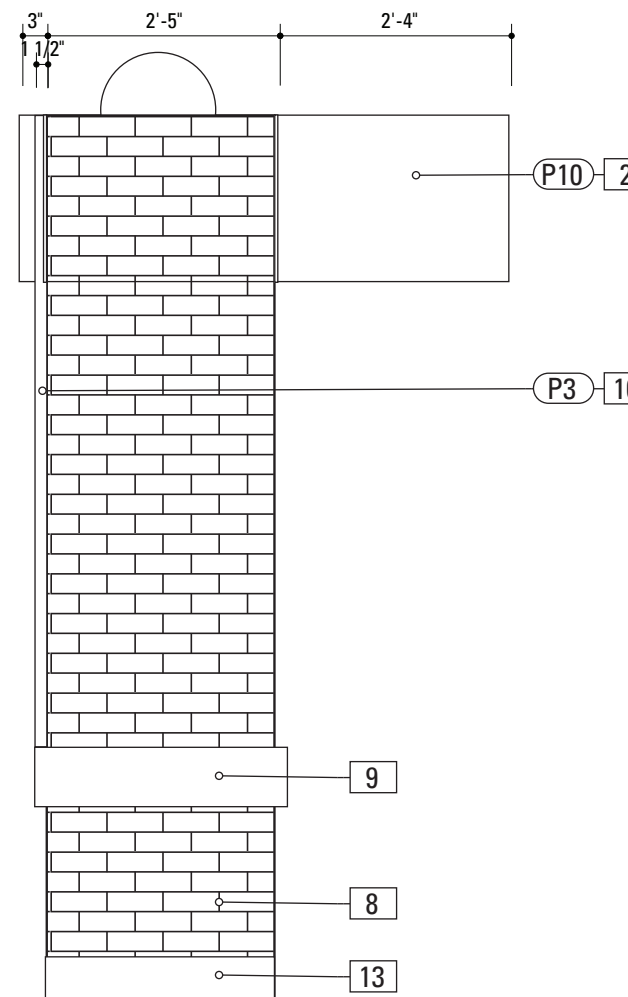
1 Graphic Layout: DIST\_GATE.1C  
SCALE: 1/2" = 1'-0"



2 Front Elevation: DIST\_GATE.1C  
SCALE: 1/2" = 1'-0"



3 Side View: DIST\_GATE.1C  
SCALE: 1/2" = 1'-0"



4 Back View: DIST\_GATE.1C  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor. Product samples are to be provided to the designer/owner for review including sample of etched stone.

Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.

Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.

Finish: Diamond Ground

Graphic Sandblast Engraved Black Shadow.

<http://www.coldspringgranite.com/Stone-Detail/Kashmir-White.aspx>

**SPECIFICATIONS** **SIGN TYPE:** DISTGATE.2C **FUNCTION:** District Gateway

- 2. SIGN PANEL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to sleeve
- 7. DIMENSIONAL GRAPHICS**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Water Jet or Router cut  
EDGES: Smooth  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Chemical weld to sign panel
- 8. BRICK BASE**  
MATERIAL: Cinderblock base and brick to match uptown streetscape plan or approved equal  
FABRICATION PROCESS: Cinderblock base, clad in brick  
EDGES: Square  
CORNERS: Square  
COLOR: Match Master Plan Specification  
FOOTER: As per NCDOT Division 9 Breakaway specifications  
NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.
- 9. STONE ACCENT**  
MATERIAL: Stone to match uptown streetscape plan or approved equal  
FABRICATION PROCESS: Match Master Plan Specification  
EDGES: Square  
CORNERS: Square  
COLOR: Match Master Plan Specification  
FASTENER: Match Master Plan Specification
- 10. ACCENT PANEL**  
MATERIAL: 1/2" thk Aluminum  
FABRICATION PROCESS: Square Cut  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to brick base
- 11. BRACKET**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to brick base

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

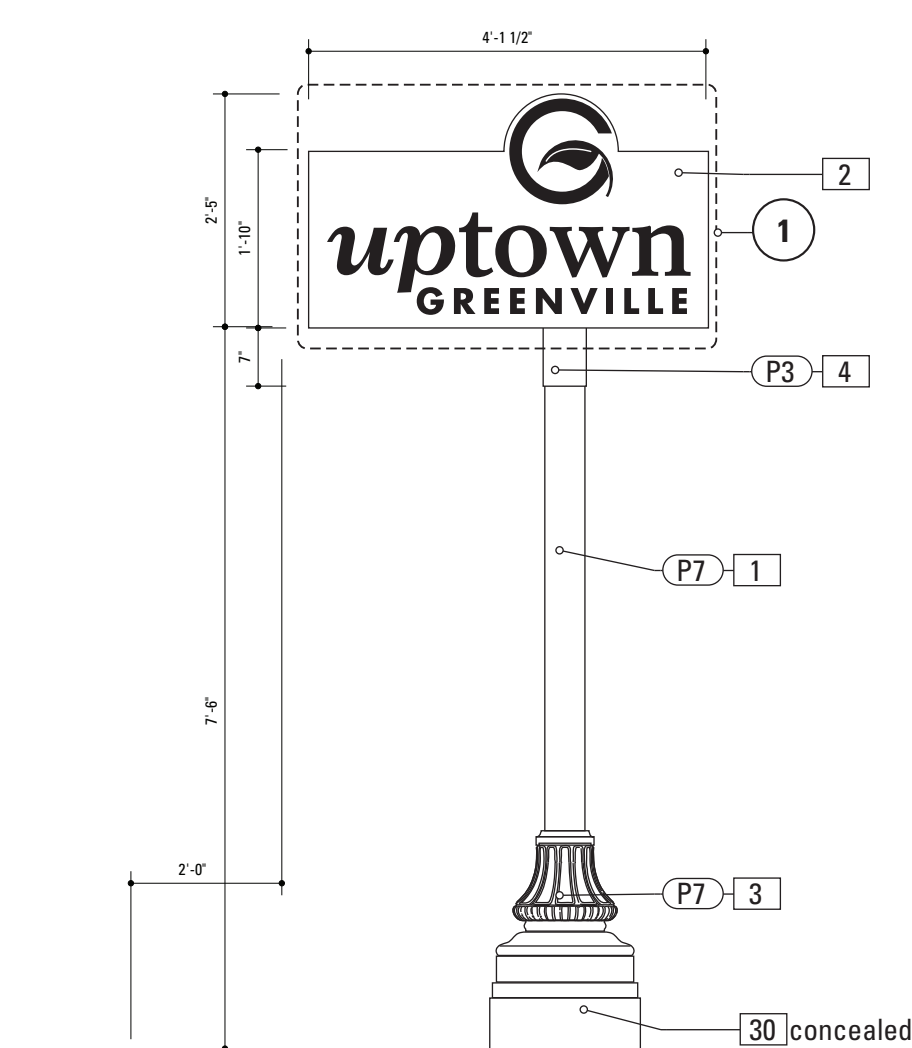
- NOTES**
- Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  - Welds: All welds shall be ground smooth, paint all seams.
  - Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  - All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merje		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		Sign Type DIST_GATE.1C District Gateway	
		SHEET NO.	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	

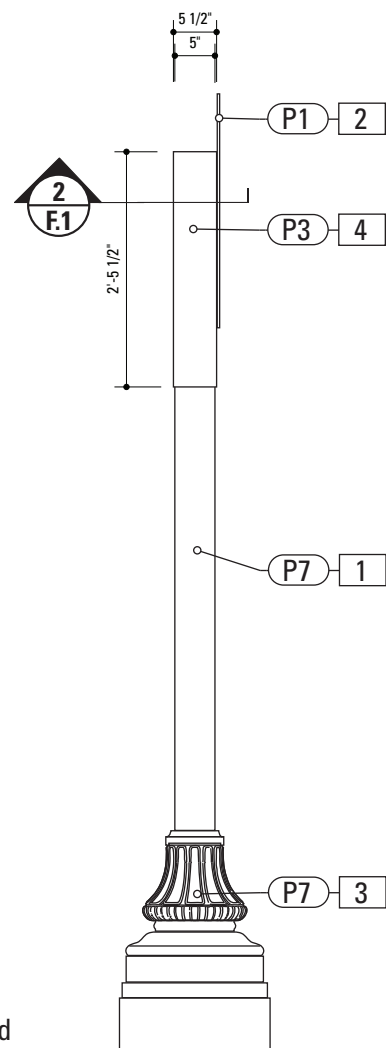




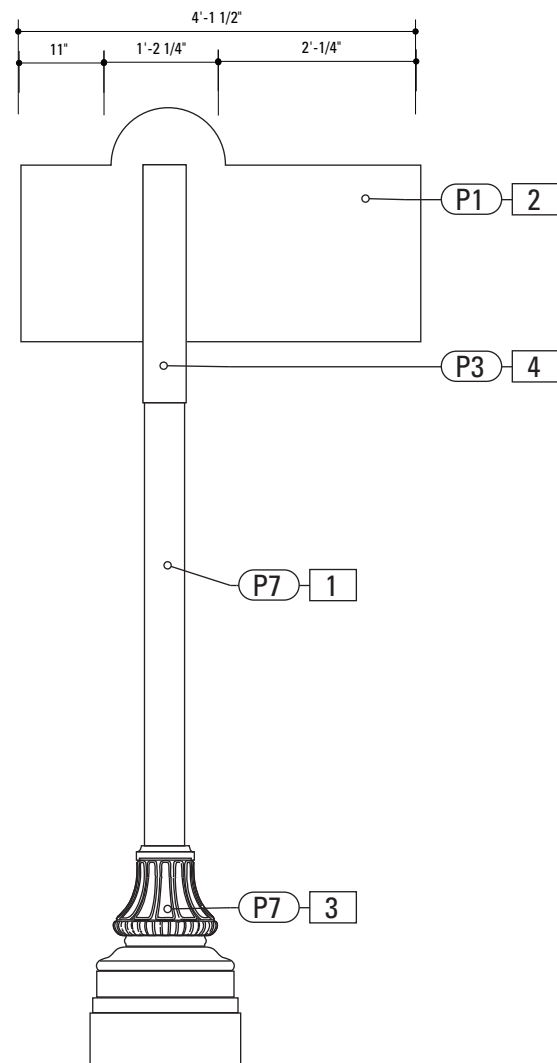
1 Graphic Layout: DIST\_GATE.2A  
SCALE: 1/2" = 1'-0"



1 Front Elevation: DIST\_GATE.2A  
SCALE: 1/2" = 1'-0"



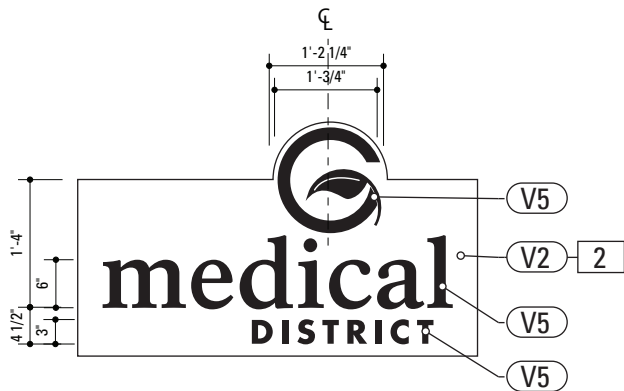
2 Side View: DIST\_GATE.2A  
SCALE: 1/2" = 1'-0"



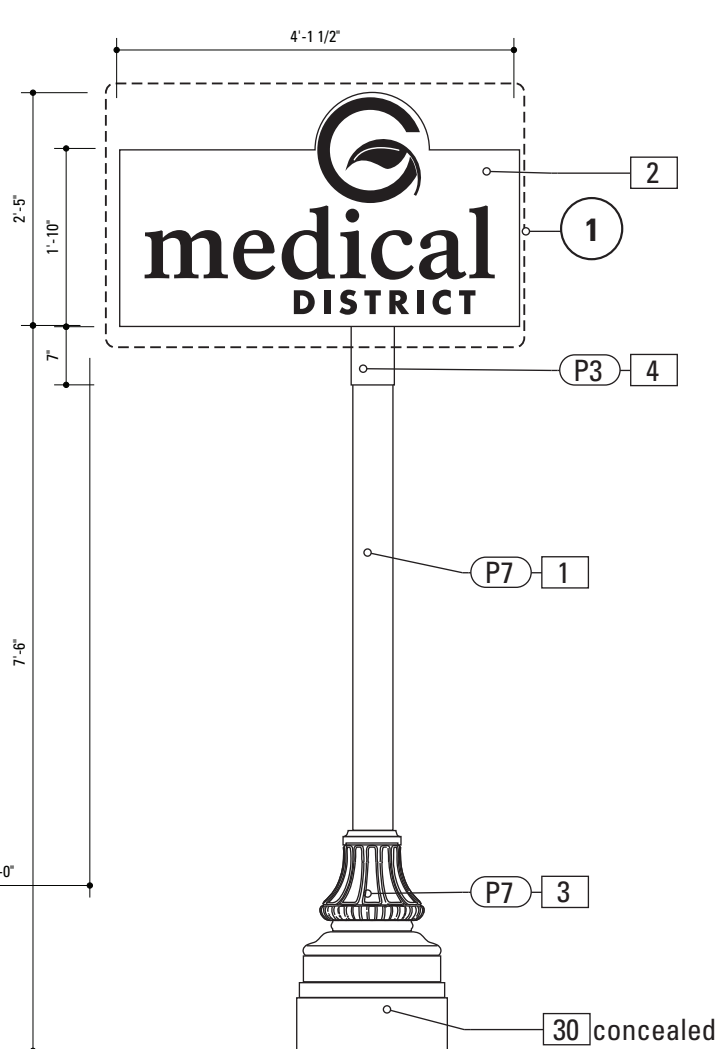
3 Back View: DIST\_GATE.2A  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

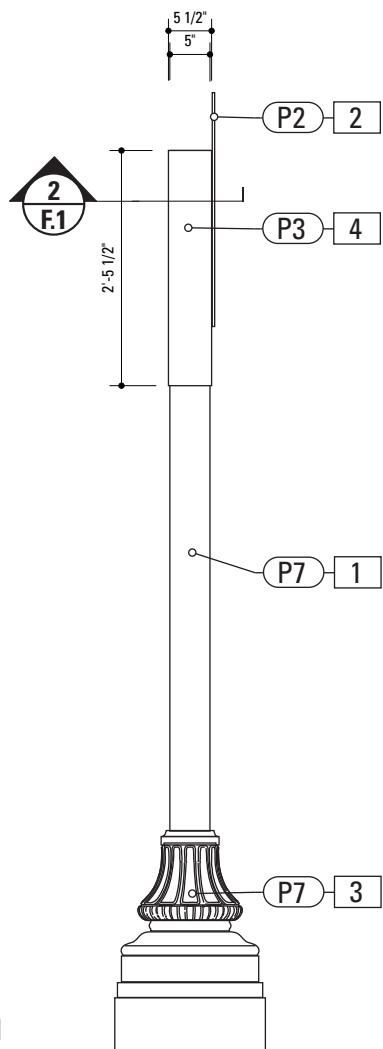
SPECIFICATIONS		SIGN TYPE: DISTGATE.2A FUNCTION: District Gateway	
<p><b>1. POLE</b> POLE: 5" Nominal dia. OD. 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</p> <p>Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.</p>		<p><b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications. Seperate Spun Metal Base Cover hides couplings.</p> <p>Finish: Factory Finish from Pole/Base Manufacturer.</p> <p>NOTE: A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.) Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval. The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.</p>	
<p><b>2. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.</p>			
<p><b>3. DECORATIVE BASE</b> CAST: Wrap around 2 piece base. Mechanically tightened. MATERIAL: Aluminum EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal. FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit. NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.</p>			
<p><b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole</p>			
		<div><b>DESIGN NOTE:</b> <i>Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</i></div>	
<p><b>NOTES</b></p> <p>1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.</p> <p>2. Welds: All welds shall be ground smooth, paint all seams.</p> <p>3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.</p> <p>4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlamineate.</p>			
<p>ENVIRONMENTS &amp; EXPERIENCES</p> <p>merJe</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></p>		<p>CLIENT / PROJECT</p> <p><b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b></p>	
<p>SUBCONSULTANT</p>		<p>PROJECT NO. Y41-07963</p>	
<p>DATE 6/30/2009</p>		<p>SHEET TITLE</p> <p><b>Sign Type DIST_GATE.2A</b> <b>District Gateway</b></p>	
<p>DRAWN BY: KB/GS</p>		<p>SHEET NO.</p>	
<p>REVISIONS</p> <p>05/22/2010</p> <p>08/06/2010</p> <p>09/01/2010</p> <p>01/31/2011</p>		<p><b>D.6</b></p>	
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>			



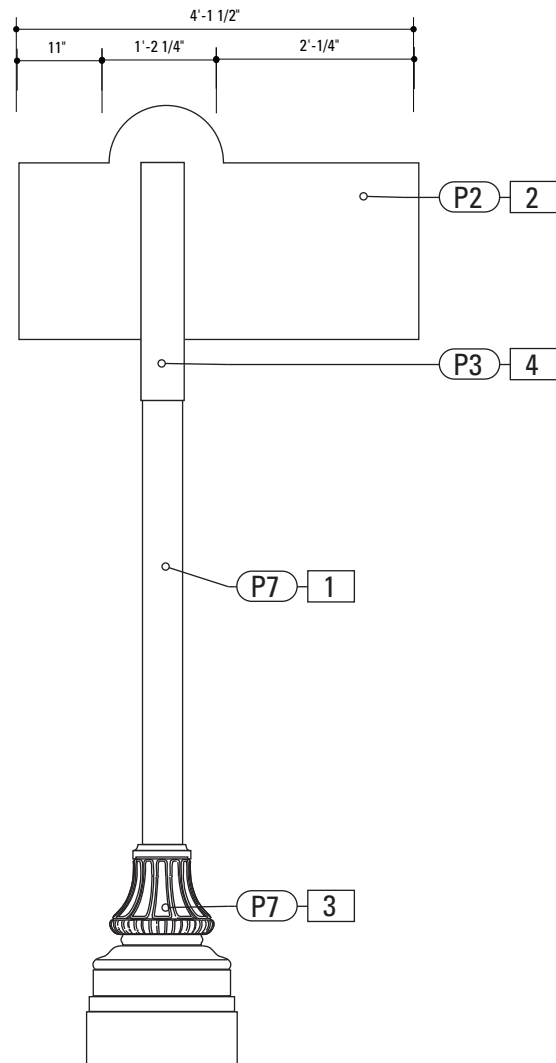
**1** Alt. Graphic Layout: DIST\_GATE.2B  
SCALE: 1/2" = 1'-0"



**1** Front Elevation: DIST\_GATE.2B  
SCALE: 1/2" = 1'-0"



**2** Side View: DIST\_GATE.2B  
SCALE: 1/2" = 1'-0"



**3** Back View: DIST\_GATE.2B  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: DIST_GATE.2B FUNCTION: District Gateway	
<p><b>1. POLE</b> POLE: 5" Nominal dia. OD: 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</p> <p>Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.</p>		<p><b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications. Seperate Spun Metal Base Cover hides couplings.  Finish: Factory Finish from Pole/Base Manufacturer.</p> <p>NOTE: A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.) Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval. The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.</p>	
<p><b>2. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.</p>			
<p><b>3. DECORATIVE BASE</b> CAST: Wrap around 2 piece base. Mechanically tightened. MATERIAL: Aluminum EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal. FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit. NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.</p>			
<p><b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole</p>		<div><p><b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</p></div>	
<p><b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminate.</p>			
<p>ENVIRONMENTS &amp; EXPERIENCES</p> <p>merJe</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></p>		<p>CLIENT / PROJECT</p> <p>City of Greenville, NC City of Greenville, NC Wayfinding and Signage</p>	
<p>SUBCONSULTANT</p>		<p>PROJECT NO. Y41-07963</p>	
<p>DATE 6/30/2009</p>		<p>SHEET TITLE</p> <p>Sign Type DIST_GATE.2B District Gateway</p>	
<p>DRAWN BY: KB/GS</p>		<p>SHEET NO.</p>	
<p>REVISIONS</p> <p>05/22/2010</p> <p>08/06/2010</p> <p>09/01/2010</p> <p>01/31/2011</p>		<p>D.7</p>	
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>			



Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor. Product samples are to be provided to the designer/owner for review including sample of etched stone.

Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.

<http://www.brick.com/cgi-bin/colorSelection.pl>

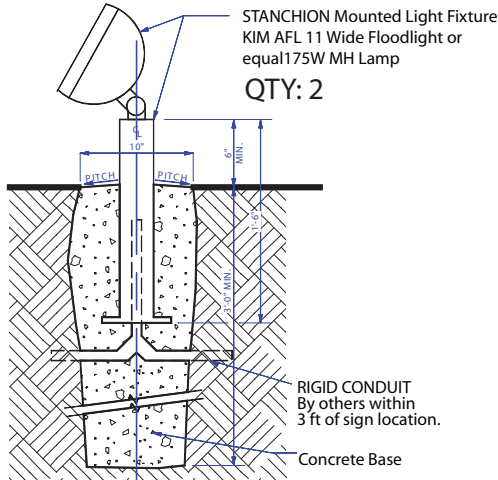
Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.

Finish: Diamond Ground

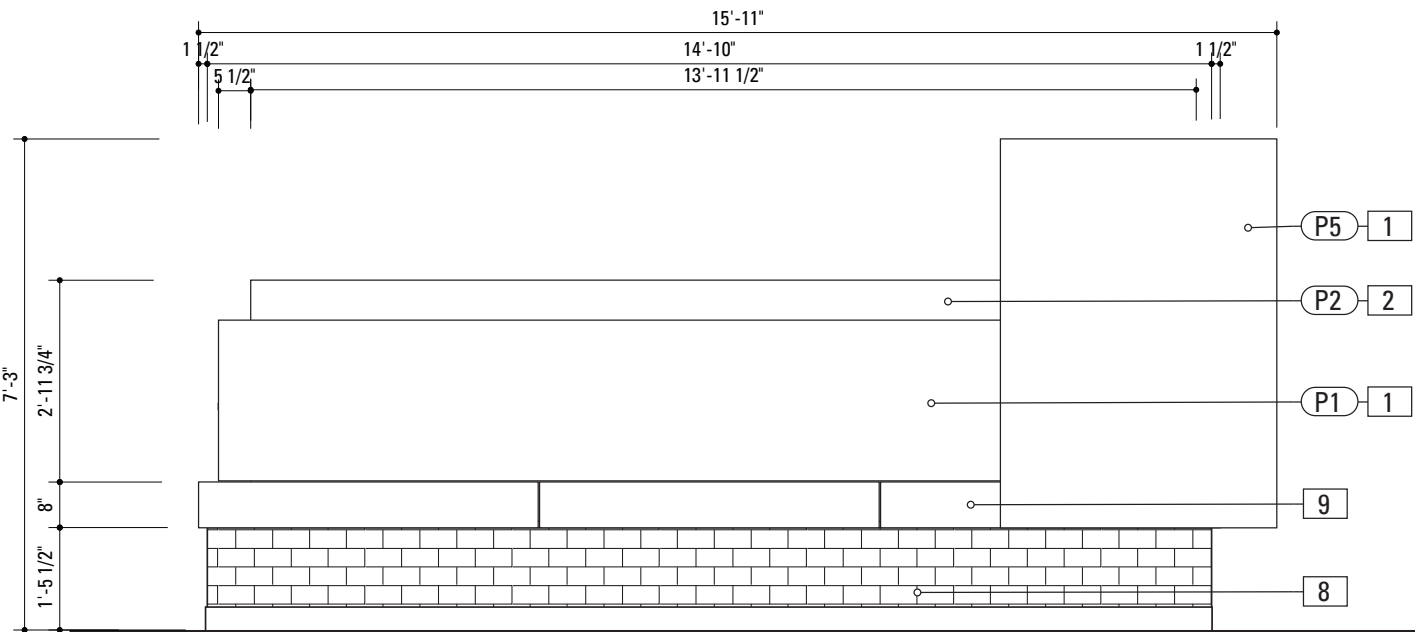
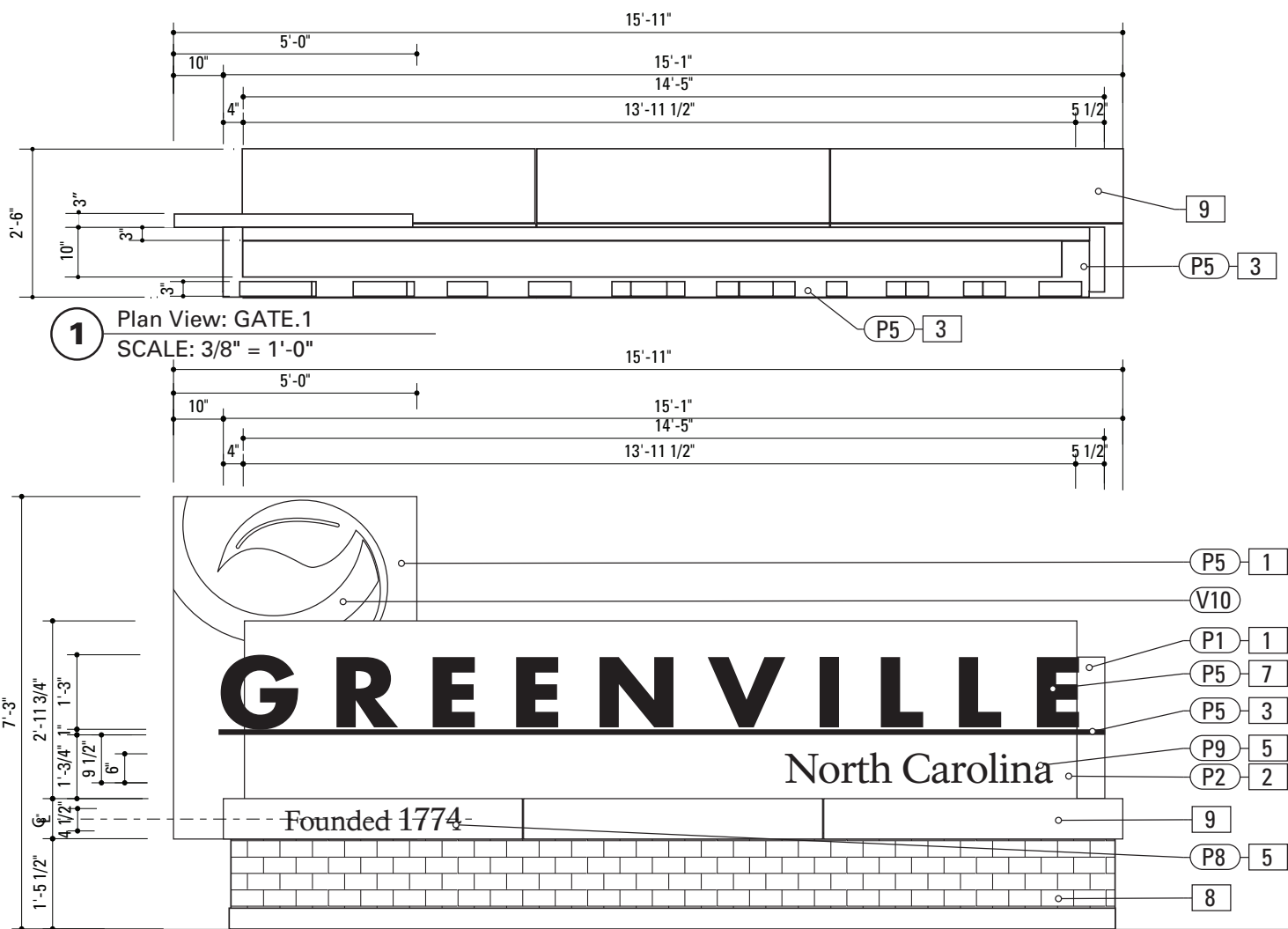
Graphic Sandblast Engraved Black Shadow.

[http://www.coldspringgranite.com/Stone-De-tail/Kashmir-White.aspx](http://www.coldspringgranite.com/Stone-Detail/Kashmir-White.aspx)

SPECIFICATIONS		SIGN TYPE: GATE.1	FUNCTION: City Gateway
<div>1. SIGN CABINET</div> <div>MATERIAL: Aluminum Fascia thickness - as required</div> <div>STRUCTURE: Aluminum Extrusion Framing - as required</div> <div>FABRICATION PROCESS: Cut / Welded</div> <div>EDGES: Square</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div>		<div>QUANTITY: 2</div> <div>PLACEMENT: In Field as per Owner/Architect specification as to NOT obscure sign and provide even and adequate illumination.</div>	
<div>2. SIGN PANEL</div> <div>MATERIAL: 1/4" thk Aluminum</div> <div>FABRICATION PROCESS: Router Cut</div> <div>EDGES: Smooth</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div> <div>FASTENER: Mechanically fastened to sleeve</div>			
<div>5. DIMENSIONAL GRAPHICS</div> <div>MATERIAL: 1/4" thk Aluminum</div> <div>FABRICATION PROCESS: Water Jet or Router cut</div> <div>EDGES: Smooth</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div> <div>FASTENER: Chemical weld to sign panel</div>			
<div>7. DIMENSIONAL GRAPHICS</div> <div>MATERIAL: 3" Thick Dimensional Letters</div> <div>FABRICATION PROCESS: Fabricated/Cut /Welded</div> <div>EDGES: Smooth</div> <div>COLOR: custom, as noted</div> <div>SURFACE PROCESS: Paint all exposed surfaces</div> <div>CLEARCOAT: UV Anti/Graffiti</div> <div>FASTENER: Mechanical</div>			
<div>8. BRICK BASE</div> <div>MATERIAL: Cinderblock base and brick to match uptown streetscape plan or approved equal</div> <div>FABRICATION PROCESS: Cinderblock base, clad in brick</div> <div>EDGES: Square</div> <div>CORNERS: Square</div> <div>COLOR: Match Master Plan Specification</div> <div>FOOTER: As per NCDOT Division 9 Breakaway specifications</div> <div>NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.</div>			
<div>9. STONE ACCENT</div> <div>MATERIAL: Stone to match uptown streetscape plan or approved equal</div> <div>FABRICATION PROCESS: Match Master Plan Specification</div> <div>EDGES: Square</div> <div>CORNERS: Square</div> <div>COLOR: Match Master Plan Specification</div> <div>FASTENER: Match Master Plan Specification</div>			
<div>10. LIGHTING</div> <div>PRODUCT: As shown or approved equal</div>		<div>DESIGN NOTE:</div> <div>Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>	
<div>NOTES</div> <div>1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.</div> <div>2. Welds: All welds shall be ground smooth, paint all seams.</div> <div>3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.</div> <div>4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.</div>			
<div>ENVIRONMENTS &amp; EXPERIENCES</div> <div>merJe</div> <div>120 North Church Street</div> <div>Suite 208</div> <div>West Chester, PA 19380</div> <div>T 484.266.0648</div> <div>www.merjedesign.com</div>			<div>CLIENT / PROJECT</div> <div>City of Greenville, NC</div> <div>City of Greenville, NC</div> <div>Wayfinding and Signage</div>
			<div>PROJECT NO.</div> <div>Y41-07963</div>
<div>SUBCONSULTANT</div>			<div>SHEET TITLE</div> <div>Sign Type GATE.1</div> <div>City Gateway</div>
<div>DATE</div> <div>6/30/2009</div>	<div>DRAWN BY:</div> <div>KB/GS</div>		<div>SHEET NO.</div>
<div>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</div>			<div>D.9</div>
<div>REVISIONS</div> <div>05/22/2010</div> <div>08/06/2010</div> <div>09/01/2010</div> <div>01/31/2011</div>			

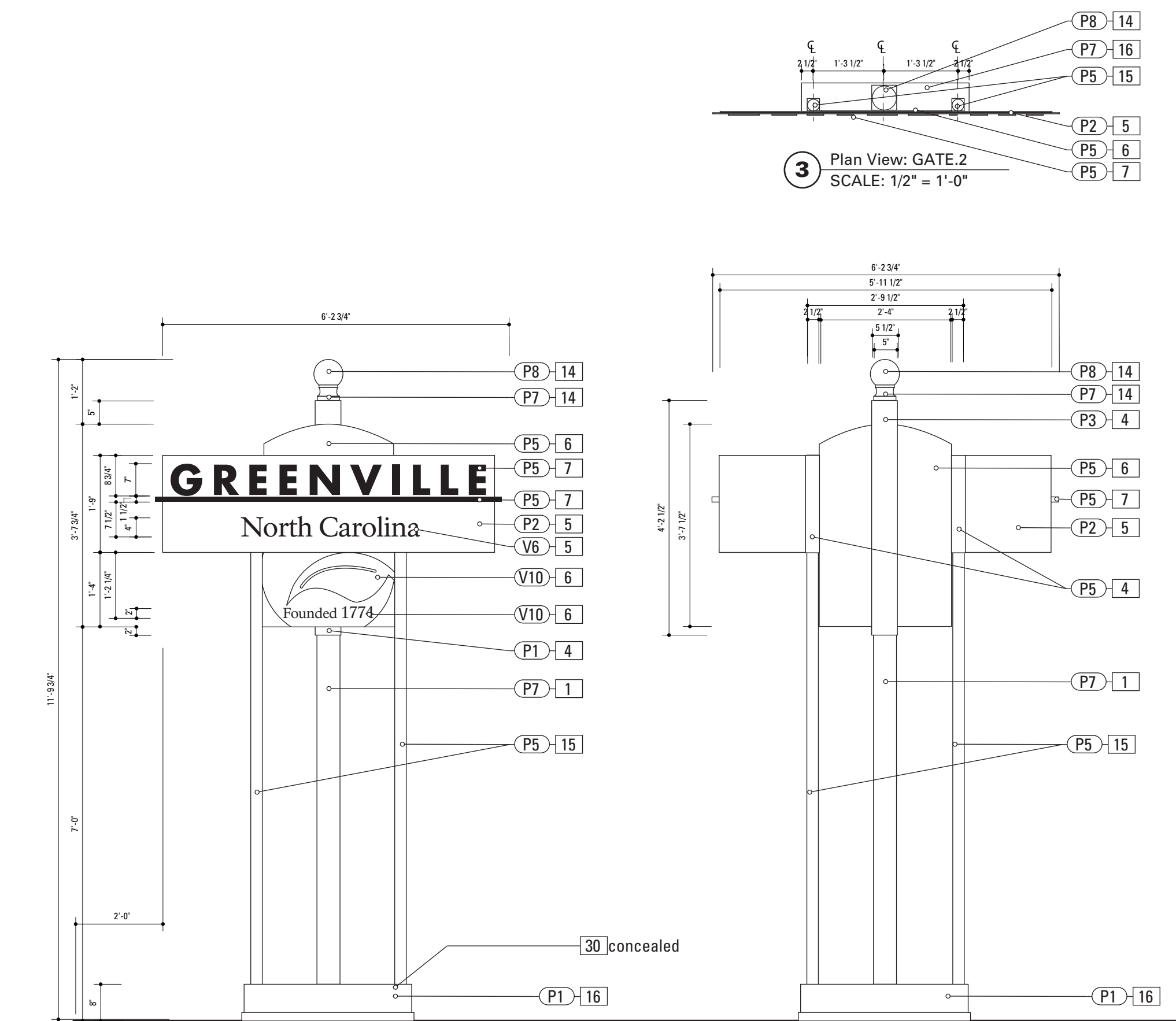


4 External Light Fixture: GATE.1  
SCALE: NTS



Gary K. Munkelt & Associates  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714





**SPECIFICATIONS** **SIGN TYPE: GATE.2** **FUNCTION: City Gateway**

- 1. POLE**  
POLE: 5" dia. 1/4" thick aluminum  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.

**BREAKAWAY FOOTER**  
Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer. As per NCDOT Division 9 Breakaway specifications
- 14. POLE CAP**  
PRODUCT: Cast Aluminum Post Top Finial  
MATERIAL: Aluminum  
FABRICATION PROCESS: Cast  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fasten to pole

**15. ACCENT POLE**  
POLE: 2 1/2" dia. 1/4" thick aluminum  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: Mechanically fastened to base

**16. BASE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Fabricated  
SIZE: as required to cover Breakaway FOOTER Assembly  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to poles  
NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.

**30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.
- 4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole

**5. SIGN PANEL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Square Cut  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to backer panel

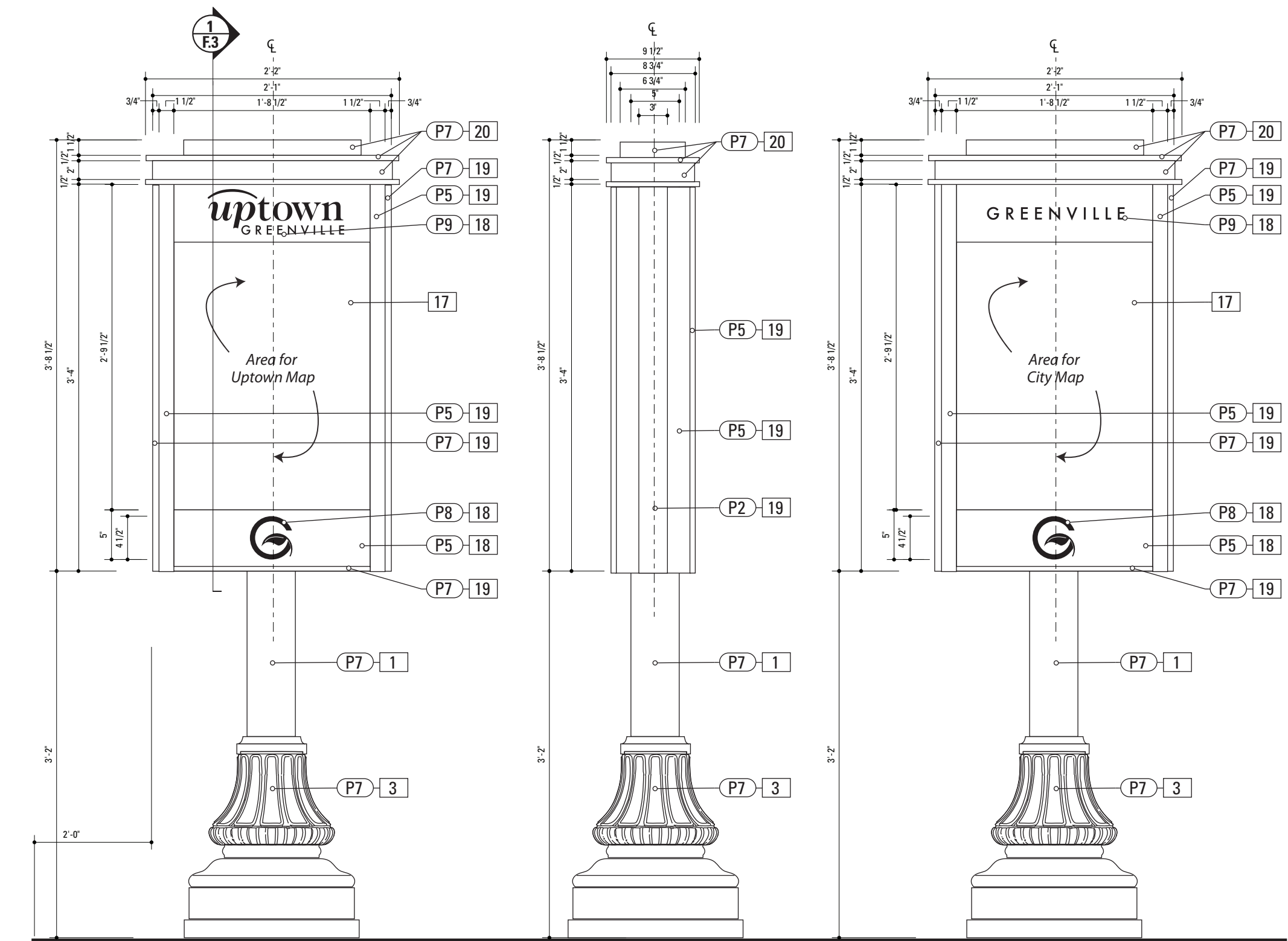
**6. BACKER PANEL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to sleeve

**7. DIMENSIONAL GRAPHICS**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Water Jet or Router cut  
EDGES: Smooth  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti
- FASTENER:** Chemical weld to sign panel
- DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

- NOTES**
- Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  - Welds: All welds shall be ground smooth, paint all seams.
  - Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  - All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		SHEET NO.	
		D.10	

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714



1 Front Elevation: KIOSK.1  
SCALE: 1" = 1'-0"

2 Side View: KIOSK.1  
SCALE: 1" = 1'-0"

3 Back View: KIOSK.1  
SCALE: 1" = 1'-0"

Note: See Section G for Foundation Details

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Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS SIGN TYPE: KIOSK.1 FUNCTION: Pedestrian Kiosk

- 1. POLE**  
POLE: 5" Nominal dia.  
OD: 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish  
from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

**19. SIGN CABINET**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Fabricated  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole
- See Color Page for Specifications.

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.

**20. CABINET HEADER**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded/Fabricated  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to sign cabinet

- 3. DECORATIVE BASE**  
CAST: Wrap around 2 piece base.  
Mechanically tightened.  
MATERIAL: Aluminum  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish  
from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal.  
FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit.  
NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.

**17. GRAPHIC PANEL**  
PRODUCT: DIGITAL HIGH PRESSURE PHENOLIC LAMINATE  
GRADE: EXTERIOR  
GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 in phenolic sample of section of typical project panel for approval of image quality and color fidelity.  
WARRANTY PERIOD: Ten years from product ship date.  
THICKNESS: 1/8 inch  
FINISH: Compatible UV inhibiting top layer  
Provide Support Bracket or Panel behind Laminate to prevent pushout

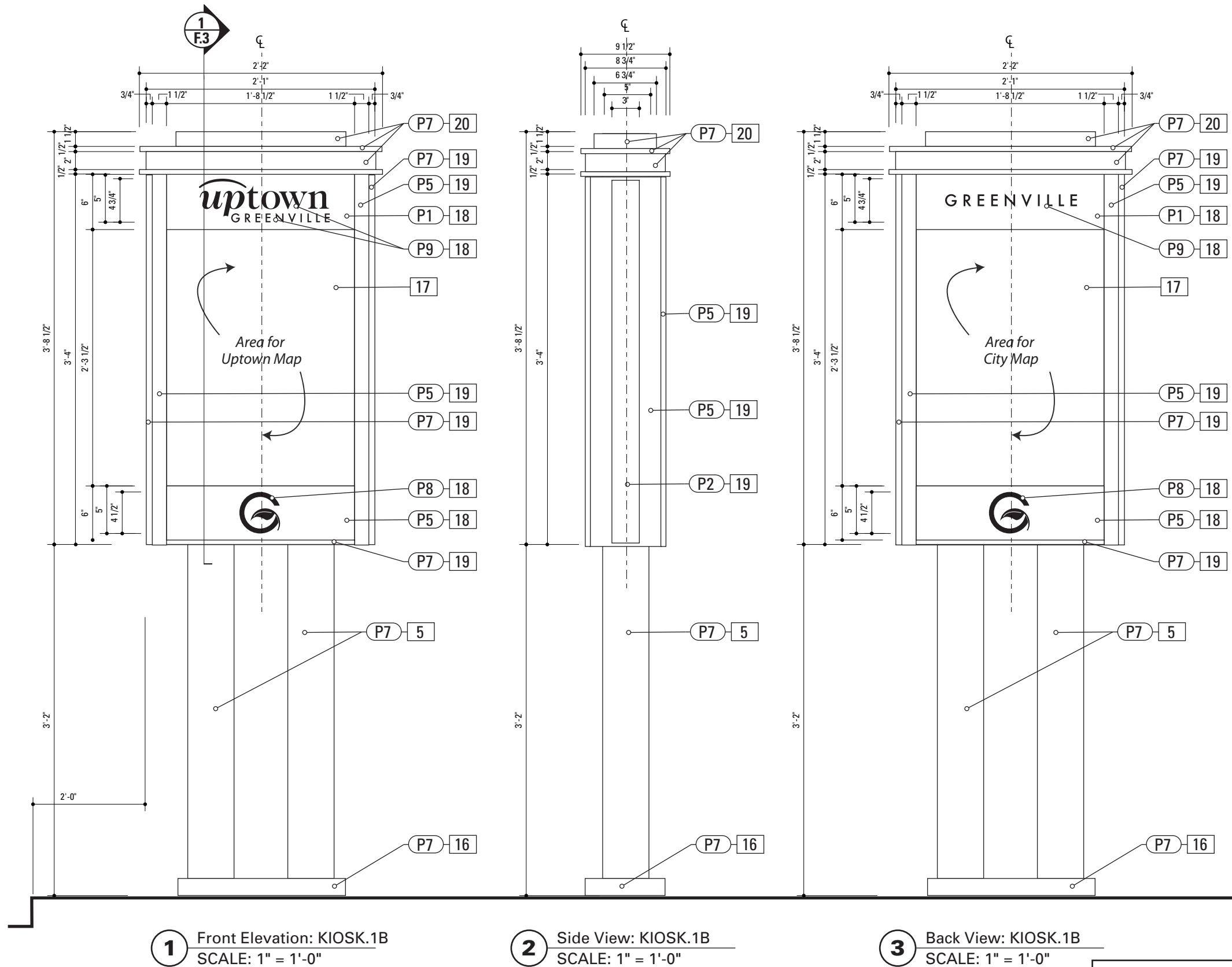
**18. SIGN PANEL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Square Cut  
EDGES: Smooth  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fasten to sign cabinet
- NOTE:  
A separate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.)  
Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval.  
The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.

Graphics/Logo Etched and Filled.

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

- NOTES**
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  2. Welds: All welds shall be ground smooth, paint all seams.
  3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merje		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	
		D.11	

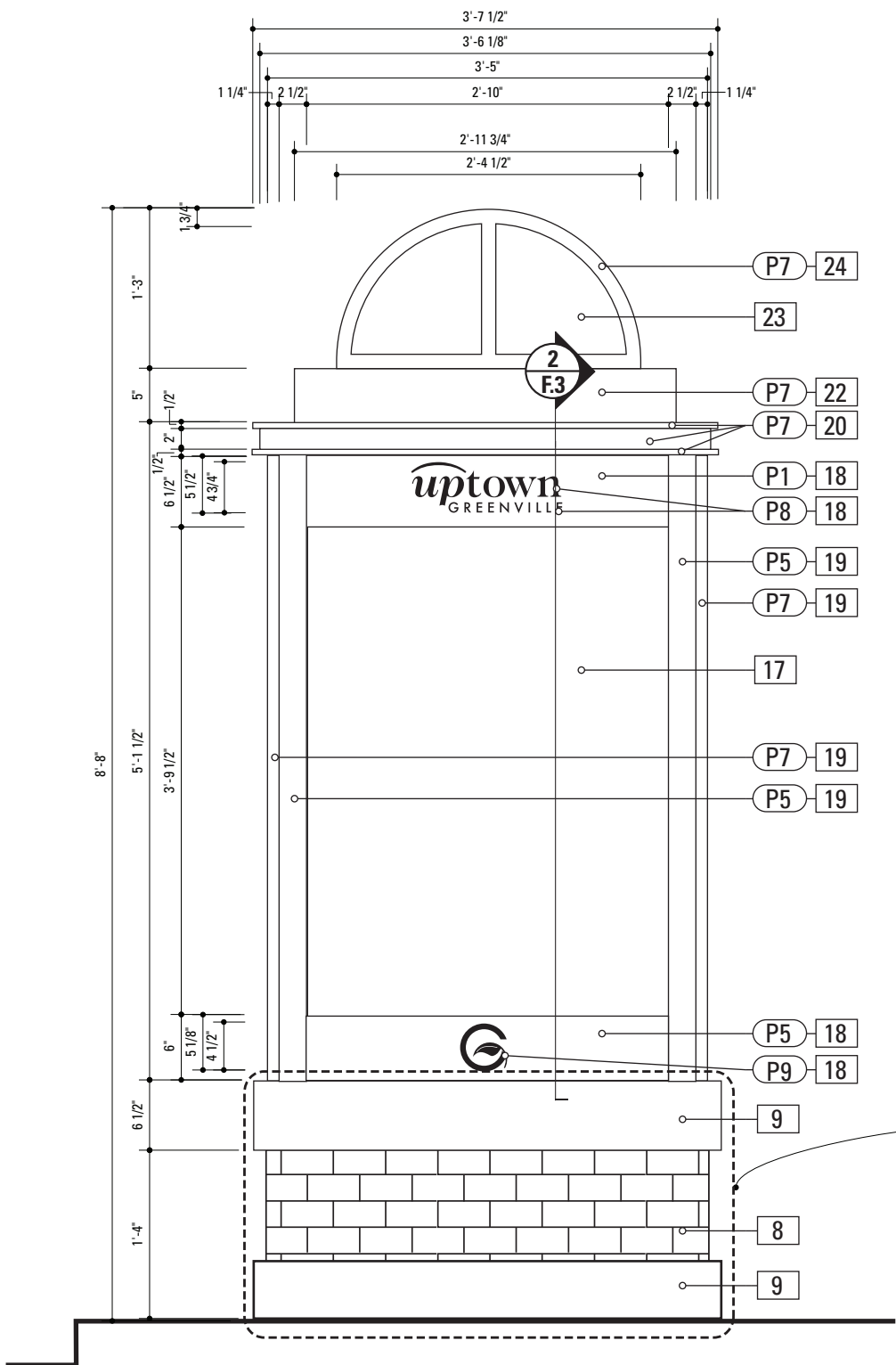


Note: See Section G for Foundation Details

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North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

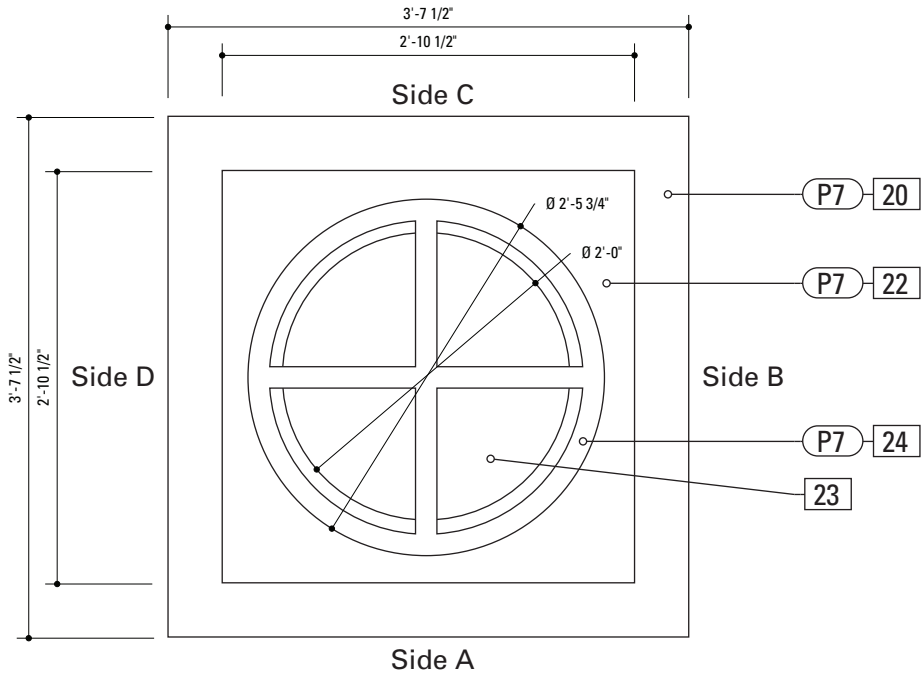
SPECIFICATIONS		SIGN TYPE: KIOSK.1B	FUNCTION: Pedestrian Kiosk
5. POLE POLE: 1/4" thick aluminum MATERIAL: Aluminum SIZE: As shown FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications  Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.	EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole		
	20. CABINET HEADER MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded/Fabricated EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to sign cabinet		
16. BASE MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Fabricated SIZE: as required to cover FOOTER Assembly EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: Acrylic Polyurethane Clear Satin FOOTER: As per NCDOT Division 9 Breakaway specifications NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.			
17. GRAPHIC PANEL PRODUCT: DIGITAL HIGH PRESSURE PHENOLIC LAMINATE GRADE: EXTERIOR GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 in phenolic sample of section of typical project panel for approval of image quality and color fidelity. WARRANTY PERIOD: Ten years from product ship date. THICKNESS: 1/8 inch FINISH: Compatible UV inhibiting top layer Provide Support Bracket or Panel behind Laminate to prevent pushout			
18. SIGN PANEL MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Square Cut EDGES: Smooth COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fasten to sign cabinet  Graphics/Logo Etched and Filled. See Color Page for Specifications.			
19. SIGN CABINET MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Fabricated			
<div>DESIGN NOTE: Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>			
NOTES			
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.			
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3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.			
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.			
ENVIRONMENTS & EXPERIENCES			CLIENT / PROJECT
merJe  120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>			City of Greenville, NC City of Greenville, NC Wayfinding and Signage
			PROJECT NO. Y41-07963
SUBCONSULTANT			SHEET TITLE
DATE 6/30/2009	DRAWN BY: KB/GS	Sign Type KIOSK.1B Pedestrian Kiosk	
REVISIONS			
05/22/2010			
08/06/2010			
09/01/2010			
01/31/2011		SHEET NO.	D.12
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1 Front Elevation: KIOSK.2  
SCALE: 3/4" = 1'-0"

Note: See Section G for Foundation Details




2 Plan View: KIOSK.2  
SCALE: 3/4" = 1'-0"

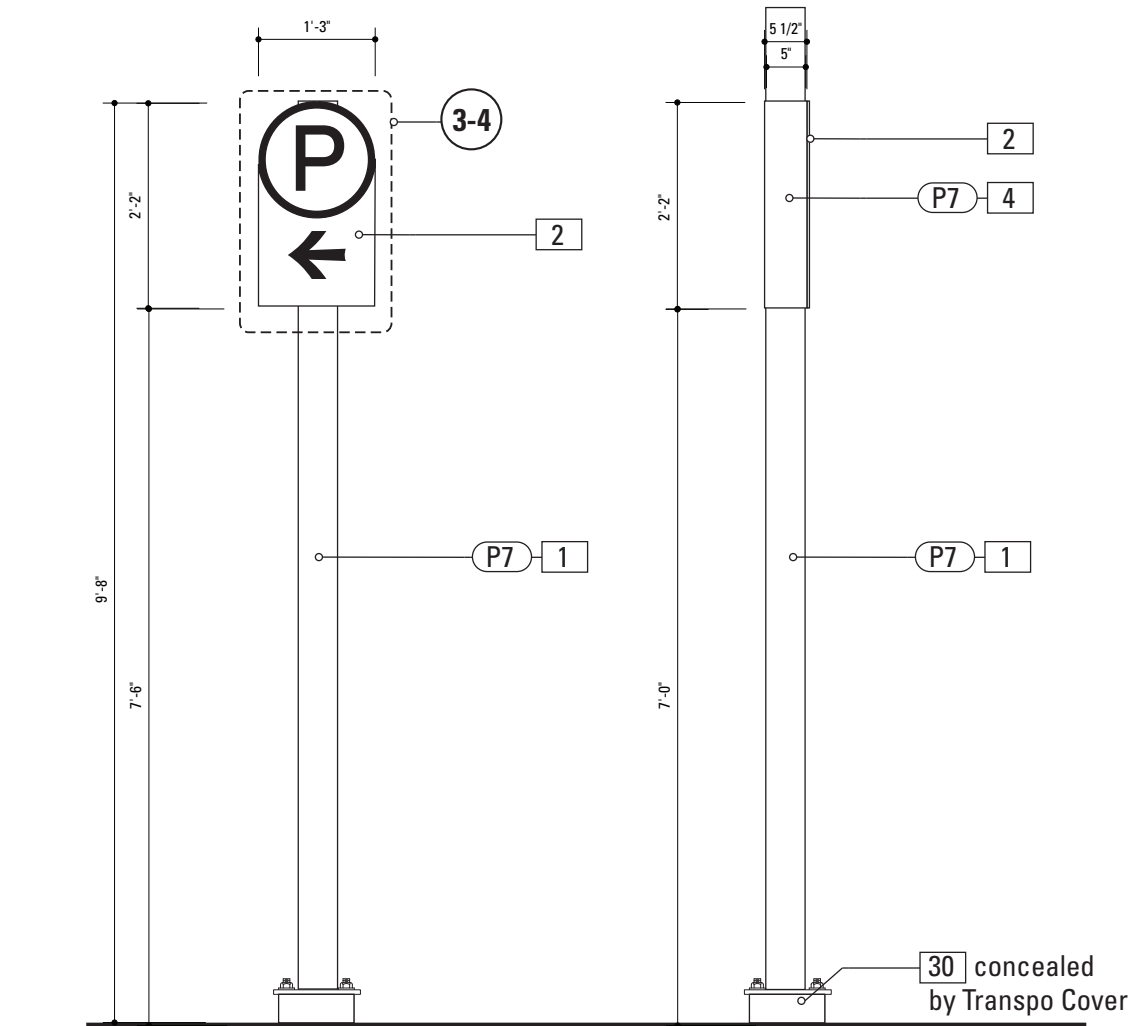
KIOSK.2 Content	
Side A	Uptown Map
Side B	City Map
Side C	Bulletin Board
Side D	Poster / Advertisement

Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor. Product samples are to be provided to the designer/owner for review including sample of etched stone.  
Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.  
<http://www.brick.com/cgi-bin/colorSelection.pl>  
Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.  
Finish: Diamond Ground  
Graphic Sandblast Engraved Black Shadow.

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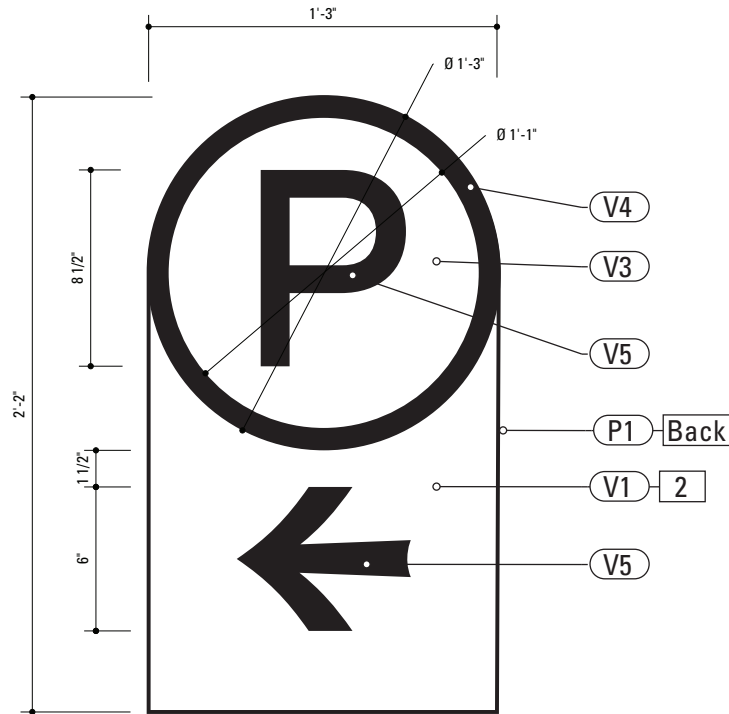
SPECIFICATIONS		SIGN TYPE: KIOSK.2	FUNCTION: Pedestrian Kiosk
<b>8. BRICK BASE</b> MATERIAL: Cinderblock base and brick to match uptown streetscape plan or approved equal FABRICATION PROCESS: Cinderblock base, clad in brick EDGES: Square CORNERS: Square COLOR: Match Master Plan Specification FOOTER: Direct Burial J Bolt Ref Section F for details PROVIDED BY OTHERS		<b>19. SIGN CABINET</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Fabricated EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole	
<b>9. STONE ACCENT</b> MATERIAL: Stone to match uptown streetscape plan or approved equal FABRICATION PROCESS: Match Master Plan Specification EDGES: Square CORNERS: Square COLOR: Stone Match Master Plan Specification FASTENER: Match Master Plan Specification PROVIDED BY OTHERS		<b>20. CABINET HEADER</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded/Fabricated EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to sign cabinet	
<b>17. GRAPHIC PANEL-Side A/B/D</b> PRODUCT: Professional Duratrans GRAPHIC APPROVAL SAMPLES: Submit 9 in x 15 sample of section of typical project panel for approval of image quality and color fidelity. WARRANTY PERIOD: MATERIAL : 10 years from product ship date. FADING 5 years THICKNESS:9ml FINISH:UV inhibiting top layer Contractor to supply fabrication details for adhering/holding and changing graphic panel LIGHTING: Internally Illuminated - color temperature of 4000 ± 1000 K, a Color Rendering Index (CRI) of 85 to 100, and an illuminance of at least 50 footcandles (538 lux). General Electric Deluxe Cool White Fluorescent Lamps (or similar lamps made by several manufacturers) meet these conditions. You can also use warmer lamps such as the Phillips 5000 K Ultralume, or a mixture of incandescent and fluorescent lamps. For each pair of 40-watt cool white deluxe fluorescent lamps, use a 75-watt frosted tungsten bulb		<b>22. LIGHTING CABINET</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Fabricated EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to cabinet header LIGHTING:Contractor to Provide exact number of fixtures to provide even illumination without shadows or hotspots. Power Requirement: 120 V Power to be provided by others Stubbed through Base Unit.	
<b>17. GRAPHIC PANEL-Side C</b> PRODUCT NAME: Full Hinged Cabinet/Lockable outdoor corkboard display posters, schedules and notices MATERIAL: aluminum extrusions with rust resistant fasteners, Two key locks - closed cell foam seal -impact resistant acrylic lens- rubber gasket seals between the door frame and lens.		<b>23. DOME</b> MATERIAL: 1/4" translucent frosted white cast acrylic dome or approved equal. Manufacturer to provide spec and warranty information for review and approval. FABRICATION PROCESS: Extruded/Fabricated EDGES: Smooth COLOR: translucent frosted white : Milk Glass CLEARCOAT: Acrylic Polyurethane Clear Satin FASTENER: Mechanically fastened to lighting cabinet LIGHTING: Internally illuminated with LED fixture(s) Contractor to Provide exact number of fixtures to provide even illumination without shadows or hotspots. Power Requirement: 120 V Power to be provided by others within 5 feet of Unit.	
<b>18. SIGN PANEL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Square Cut EDGES: Smooth COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fasten to sign cabinet		<b>24. DOME ACCENTS</b> MATERIAL: 1/4" thk Aluminum bar stock FABRICATION PROCESS: Extruded/Cut/Formatted EDGES: Smooth COLOR: custom, as noted FASTENER: mechanically fasten to lighting cabinet	
<b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminates.		<b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.	
ENVIRONMENTS & EXPERIENCES			CLIENT / PROJECT
 <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div>			<b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b>
SUBCONSULTANT			PROJECT NO. Y41-07963
DATE 6/30/2009	DRAWN BY: KB/GS		<b>Sign Type KIOSK.2</b> <b>Pedestrian Kiosk</b>
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	SHEET NO.
		01/31/2011	
			<b>D.13</b>



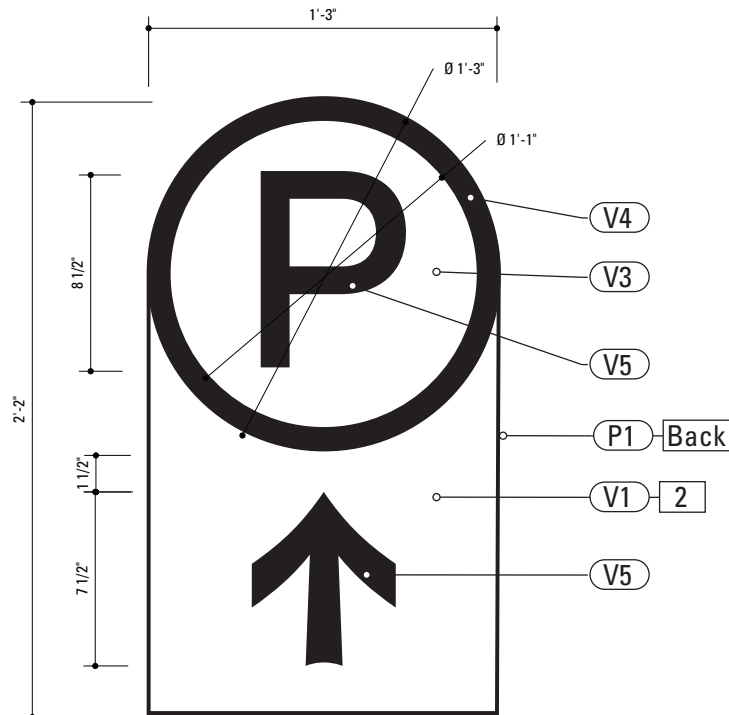


1 Front Elevation: PARK.1  
SCALE: 1/2" = 1'-0"

2 Side View: PARK.1  
SCALE: 1/2" = 1'-0"



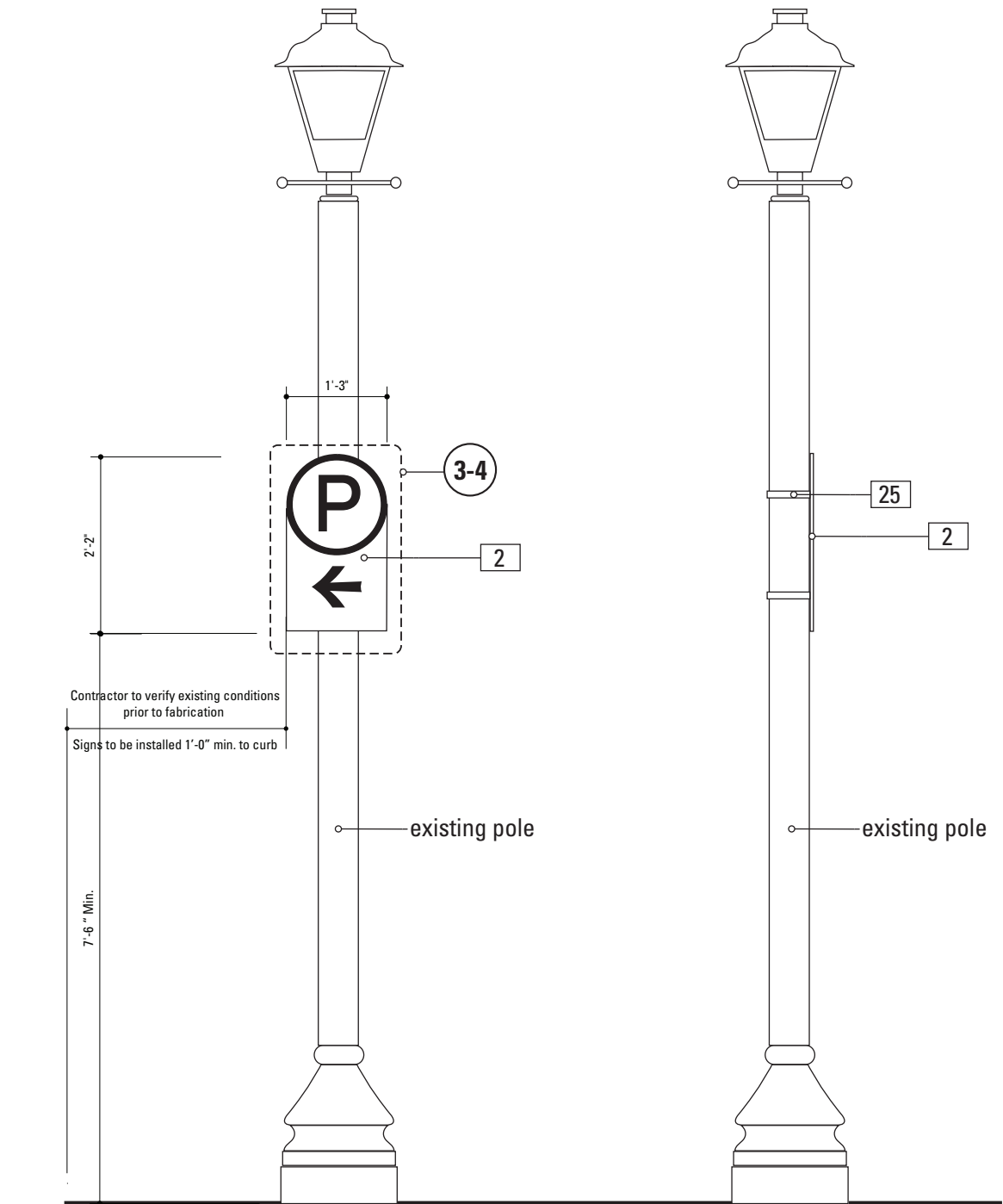
3 Graphic Layout: PARK.1  
SCALE: 1 1/2" = 1'-0"



4 Graphic Layout: PARK.1  
SCALE: 1 1/2" = 1'-0"

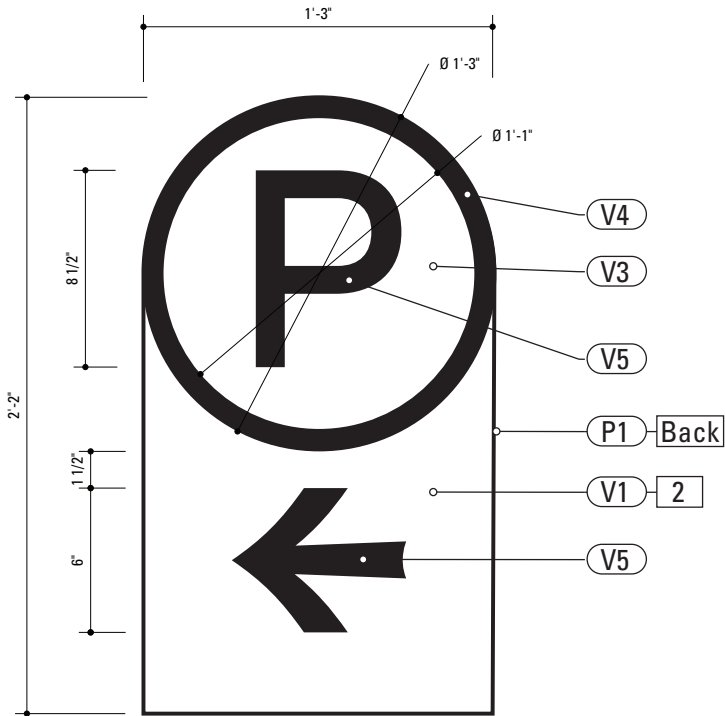
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: PARK.1	FUNCTION: Parking Directional
<p><b>1. POLE</b> POLE: 5" dia. 1/4" thick aluminum MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</p> <p>Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.</p> <p><b>2. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.</p> <p><b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole</p> <p><b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.</p>			
<p><b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</p>			
<p><b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.</p>			
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	
		D.14	

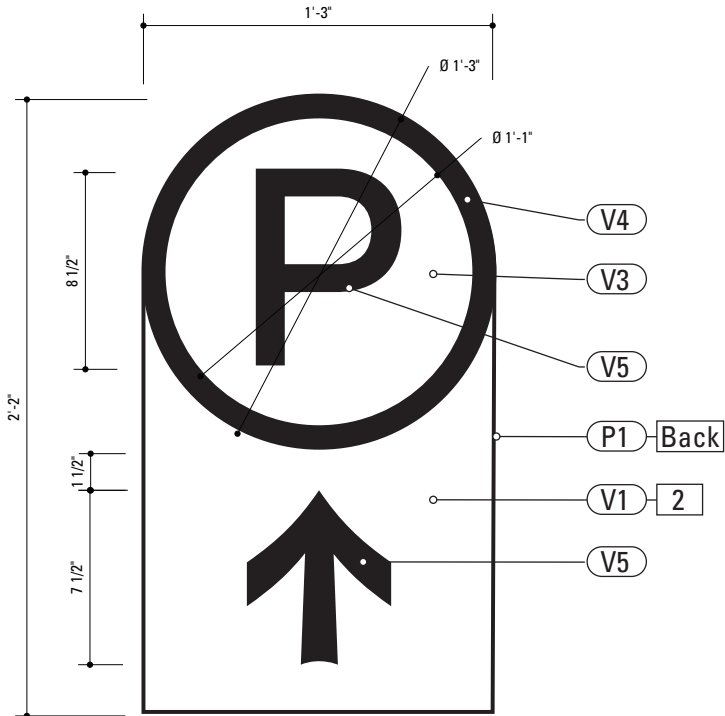


**1** Front Elevation: PARK.2  
SCALE: 1/2" = 1'-0"

**2** Side View: PARK.2  
SCALE: 1/2" = 1'-0"



**3** Graphic Layout: PARK.2  
SCALE: 1 1/2" = 1'-0"



**4** Graphic Layout: PARK.2  
SCALE: 1 1/2" = 1'-0"

**SPECIFICATIONS** **SIGN TYPE: PARK.2** **FUNCTION: Parking Directional**

**2. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom inks print direct to 3930 with 3M approved UV/Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanically Fastened to Strap Bracket.

**25. STRAP**  
MATERIAL: Stainless steel with threaded tightening assembly including hardware  
MOUNTING: Adjustable for utility and street poles (round square up to 10" dia.)  
COLOR: Match pole finish. Black for black or dark colored poles. Stainless steel for light or stainless steel poles.  
QUANTITY: 3 per sign  
HARDWARE: As required - located on panel not interfere with graphic sign elements.

**NOTE: Sign Contractor to coordinate the removal or movement of interfering existing signs on poles, with the city.**

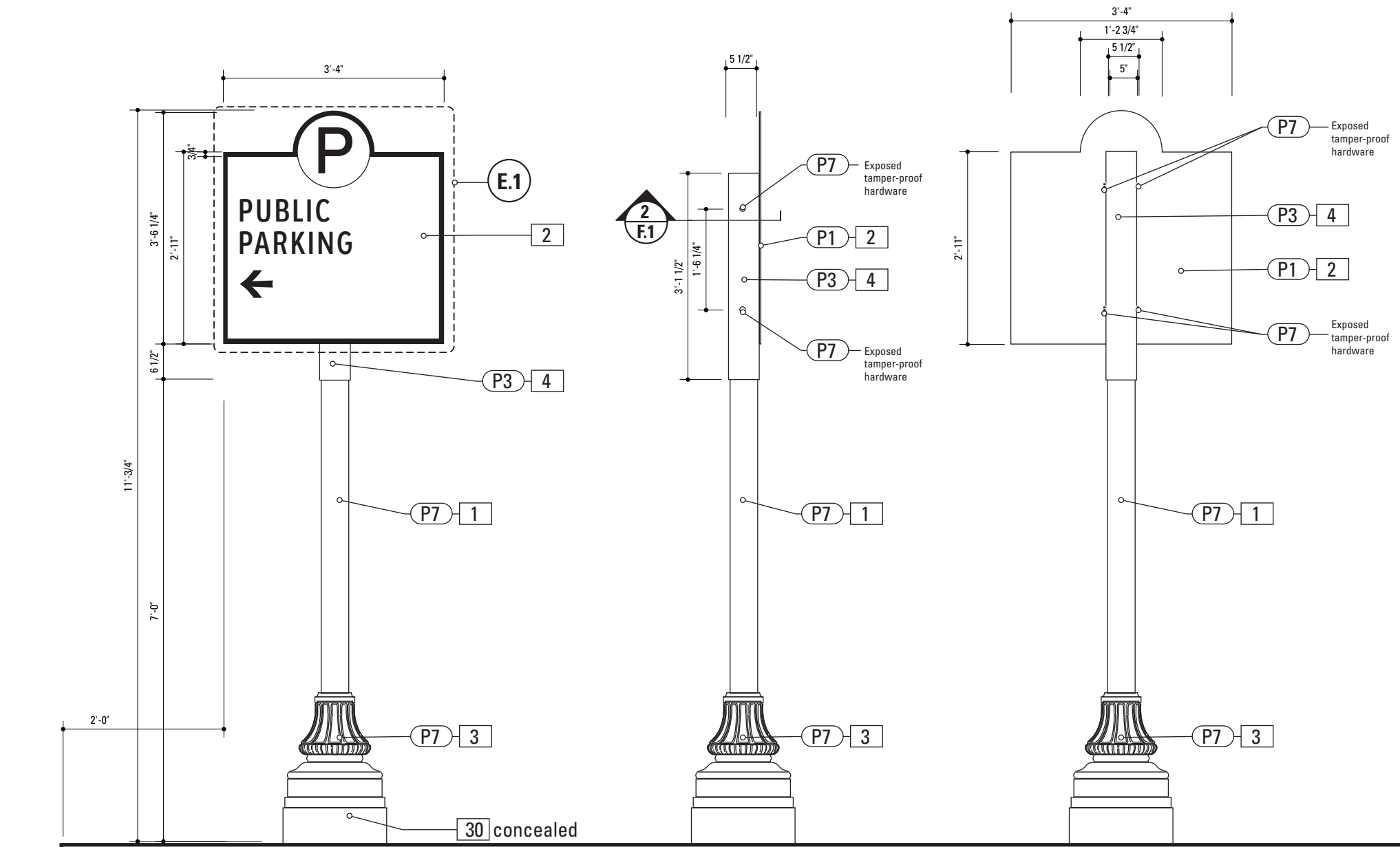
**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

**NOTES**  
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.  
2. Welds: All welds shall be ground smooth, paint all seams.  
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		Sign Type PARK.2 Parking Directional	
		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	

Contractor to coordinate the moving or removal of existing signs that interfere with the installation of new signs, with the city and design team.

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714



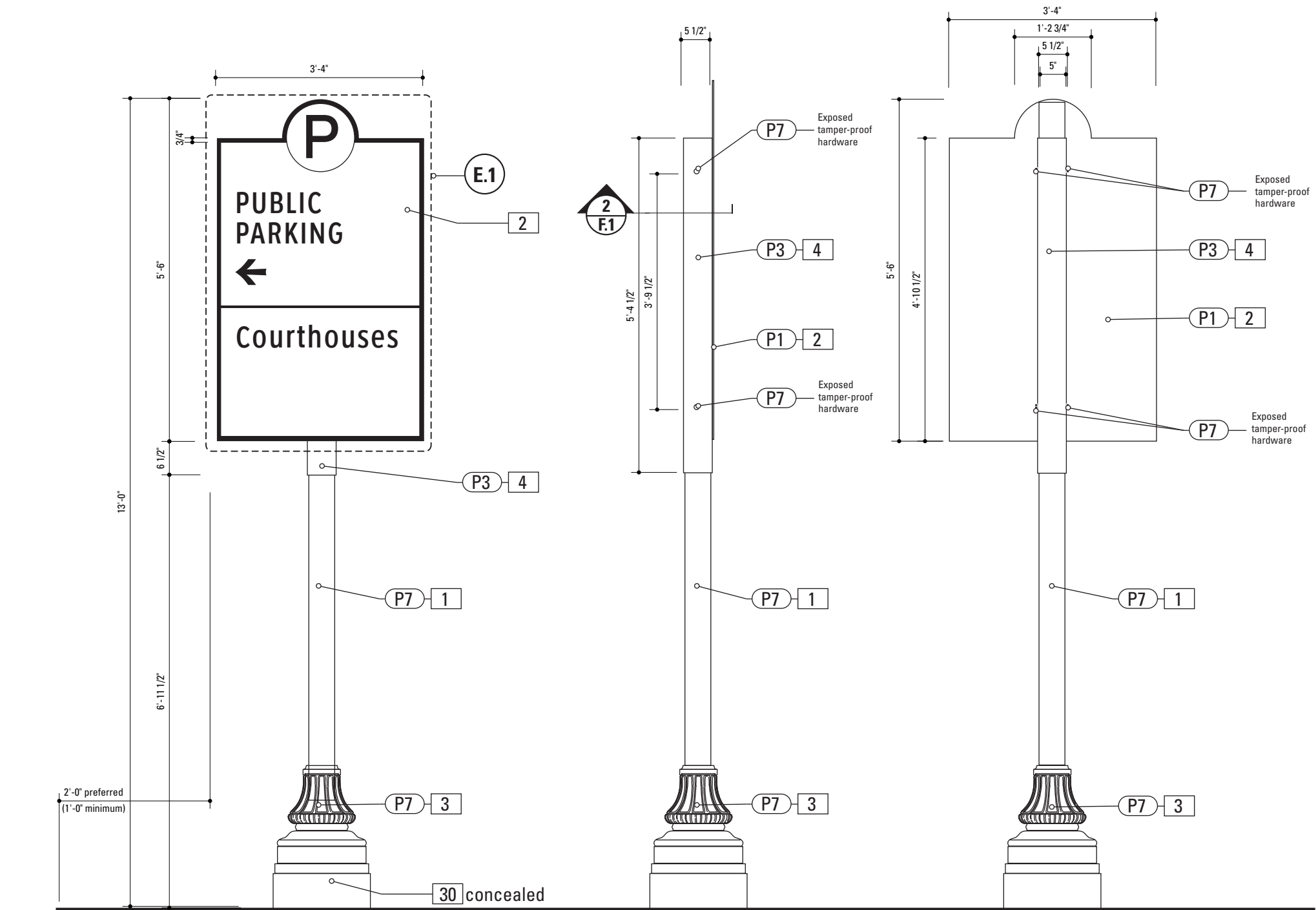
**1** Front Elevation: PARK.3  
SCALE: 1/2" = 1'-0"

**2** Side View: PARK.3  
SCALE: 1/2" = 1'-0"

**3** Back View: PARK.3  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: PARK.3	FUNCTION: Parking Directional
<b>1. POLE</b> POLE: 5" Nominal dia. OD. 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications  Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.		Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications. Seperate Spun Metal Base Cover hides couplings.  Finish: Factory Finish from Pole/Base Manufacturer.	
<b>2. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.		NOTE: A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.) Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval. The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.	
<b>3. DECORATIVE BASE</b> CAST: Wrap around 2 piece base. Mechanically tightened. MATERIAL: Aluminum EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal. FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit. NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.			
<b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole			
<b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT			
<b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminate.		<b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.	
<div>ENVIRONMENTS &amp; EXPERIENCES</div> <div>merJe</div> <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div>		CLIENT / PROJECT  City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE 6/30/2009		DRAWN BY: KB/GS	
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		REVISIONS	
		05/22/2010	
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		09/01/2010	
		01/31/2011	
		SHEET NO.	
		Sign Type PARK.3 Parking Directional	
		D.16	



1 Front Elevation: PARK.4  
SCALE: 1/2" = 1'-0"

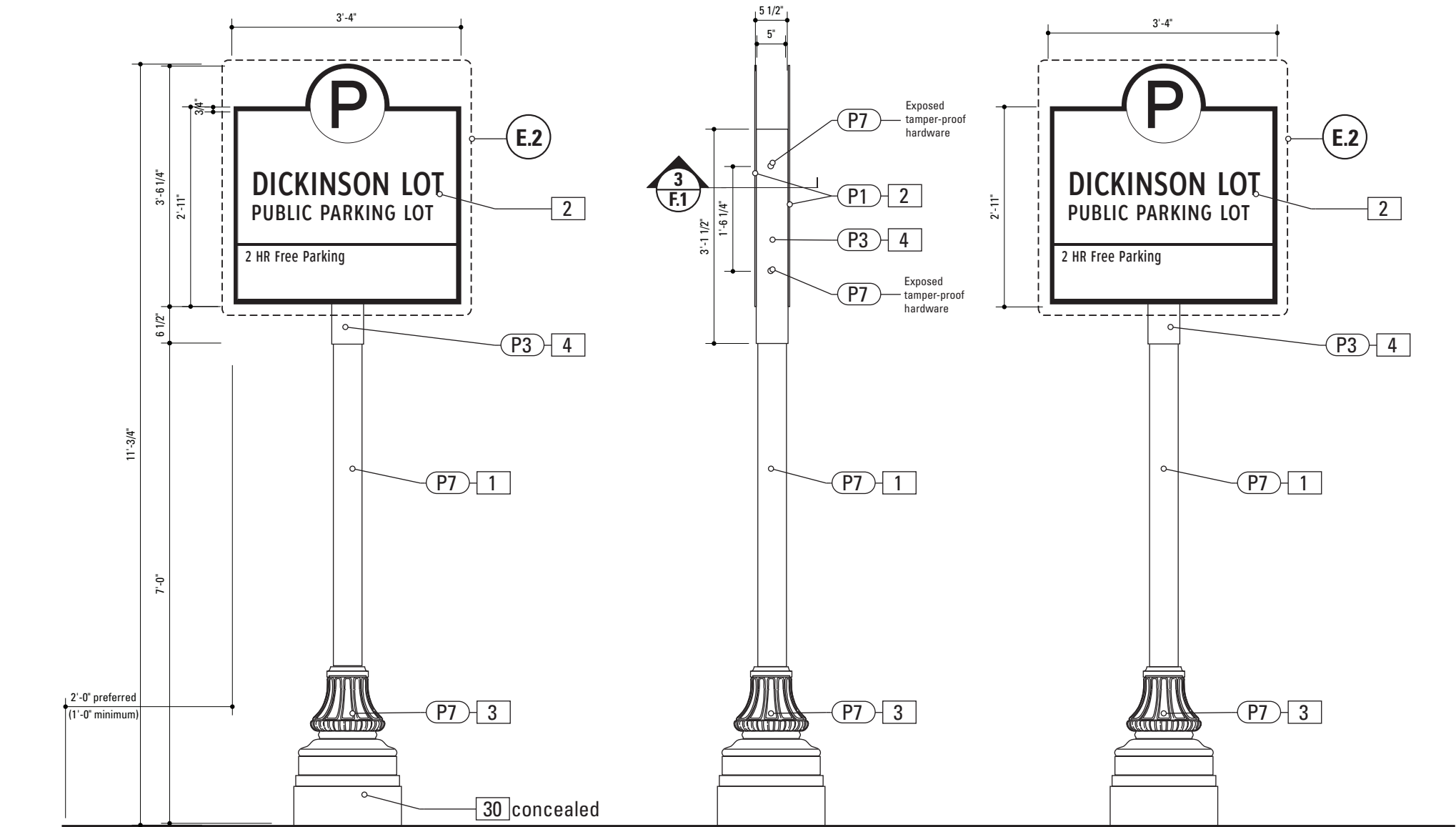
2 Side View: PARK.4  
SCALE: 1/2" = 1'-0"

3 Back View: PARK.4  
SCALE: 1/2" = 1'-0"

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1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: PARK.4	FUNCTION: Parking Directional
<p><b>1. POLE</b> POLE: 5" Nominal dia. OD. 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</p> <p>Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.</p>		<p>Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications. Seperate Spun Metal Base Cover hides couplings.</p> <p>Finish: Factory Finish from Pole/Base Manufacturer.</p>	<p><b>NOTE:</b> A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.) Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval. The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.</p>
<p><b>2. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.</p>			
<p><b>3. DECORATIVE BASE</b> CAST: Wrap around 2 piece base. Mechanically tightened. MATERIAL: Aluminum EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal. FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit. NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.</p>			
<p><b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole</p>			
<p><b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT</p>			
<p><b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</p>			
<p><b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminate.</p>			
<p>ENVIRONMENTS &amp; EXPERIENCES</p> <p>merJe</p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></p>			<p>CLIENT / PROJECT</p> <p><b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b></p>
<p>SUBCONSULTANT</p>			<p>PROJECT NO. Y41-07963</p>
<p>DATE 6/30/2009</p>		<p>DRAWN BY: KB/GS</p>	<p><b>Sign Type PARK.4</b> <b>Parking Directional</b></p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		<p>REVISIONS</p>	
<p>05/22/2010</p>			
<p>08/06/2010</p>			
<p>09/01/2010</p>			
<p>01/31/2011</p>			<p>SHEET NO.</p> <p><b>D.17</b></p>





**1** Front Elevation: PARK.10  
SCALE: 1/2" = 1'-0"

**2** Side View: PARK.10  
SCALE: 1/2" = 1'-0"

**3** Back View: PARK.10  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
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North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**SPECIFICATIONS** **SIGN TYPE: PARK.10** **FUNCTION: Parking Identification**

**1. POLE**  
POLE: 5" Nominal dia.  
OD: 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

**Note:**  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.

**2. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.

**3. DECORATIVE BASE**  
CAST: Wrap around 2 piece base.  
Mechanically tightened.  
MATERIAL: Aluminum  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal.  
FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit.  
NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.

**4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole

**30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT

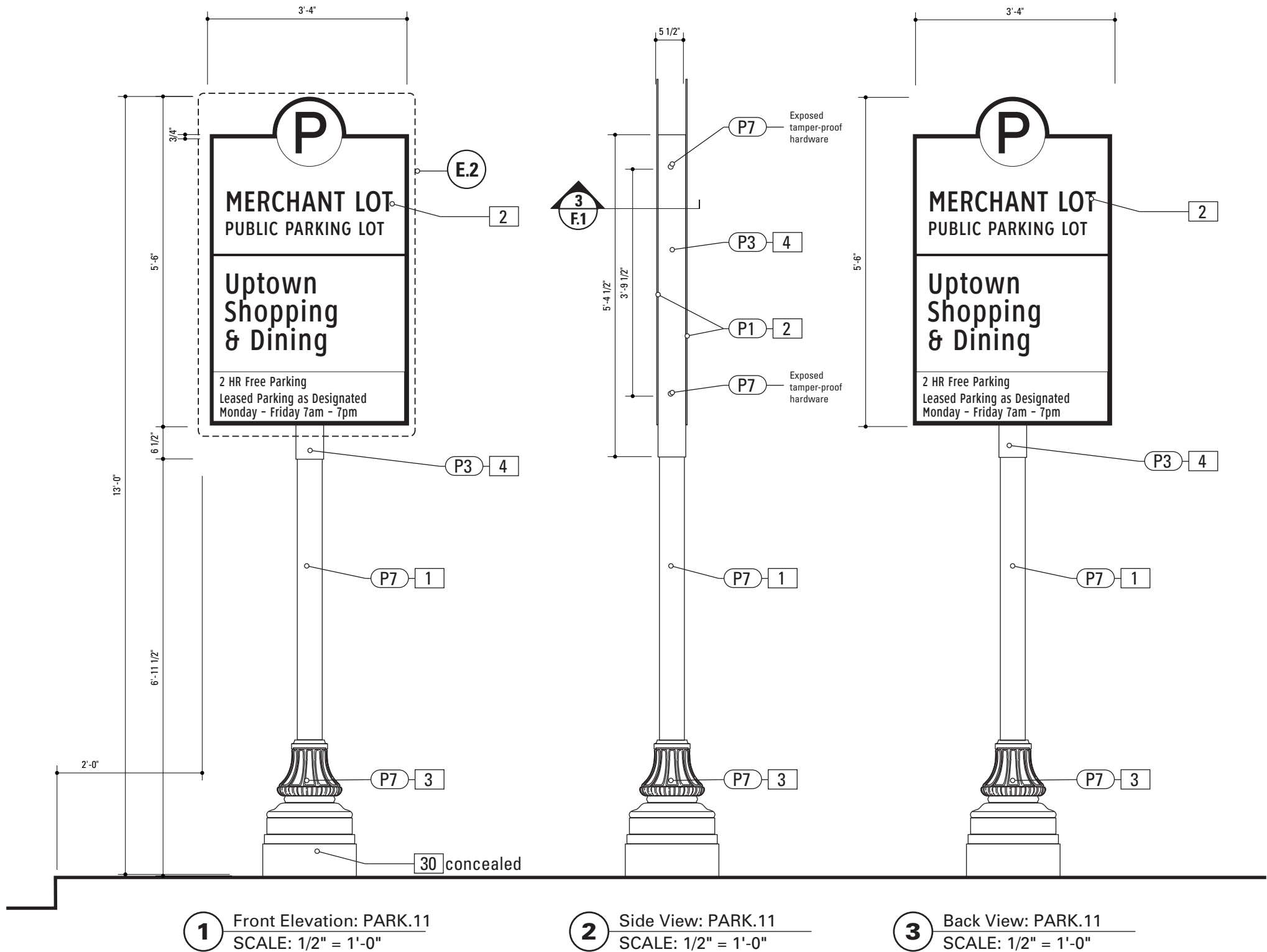
Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.  
Seperate Spun Metal Base Cover hides couplings.  
Finish: Factory Finish from Pole/Base Manufacturer.

**NOTE:**  
A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.)  
Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval.  
The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.

**DESIGN NOTE:**  
*Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.*

**NOTES**  
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.  
2. Welds: All welds shall be ground smooth, paint all seams.  
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		Sign Type PARK.10 Parking Identification	
		SHEET NO.	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	



SPECIFICATIONS SIGN TYPE: PARK.11 FUNCTION: Parking Directional

- 1. POLE**  
POLE: 5" Nominal dia.  
OD. 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.
- Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.  
Seperate Spun Metal Base Cover hides couplings.  
  
Finish: Factory Finish from Pole/Base Manufacturer.

NOTE:  
A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.)  
Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval.  
The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.
- 2. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.
- 3. DECORATIVE BASE**  
CAST: Wrap around 2 piece base.  
Mechanically tightened.  
MATERIAL: Aluminum  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal.  
FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit.  
NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.
- 4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole
- 30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT

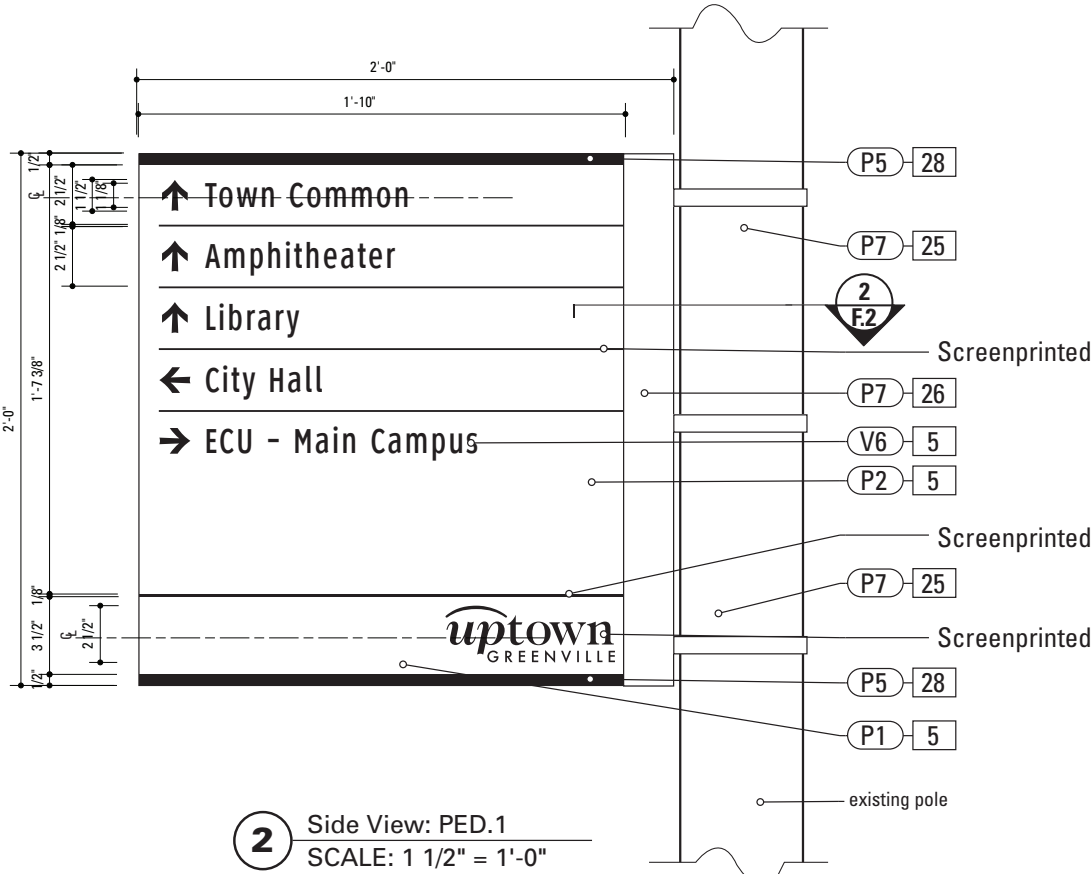
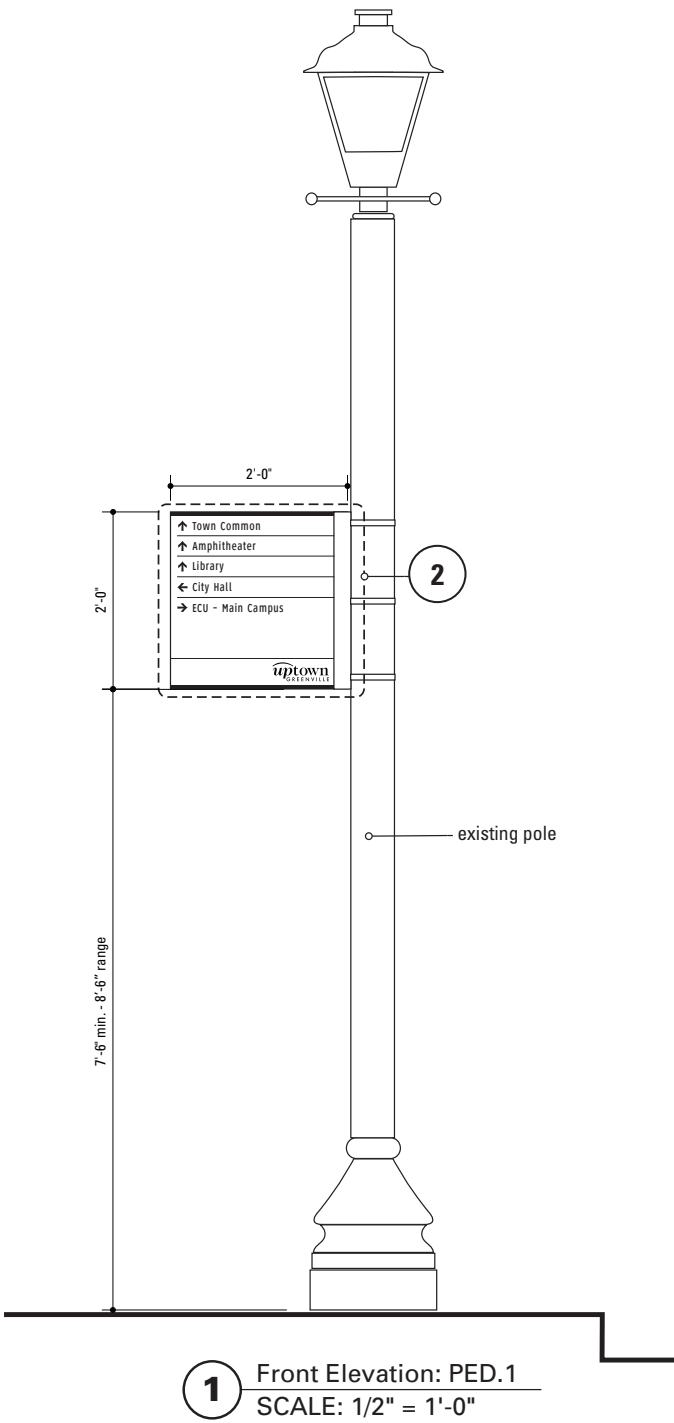
**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

- NOTES**
- Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  - Welds: All welds shall be ground smooth, paint all seams.
  - Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  - All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com	
		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
		PROJECT NO.	Y41-07963
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	D.19

Gary K. Munkelt & Associates  
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1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
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**SPECIFICATIONS**      **SIGN TYPE:** PED.1      **FUNCTION:** Pedestrian Directional

**5. SIGN PANEL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Square Cut  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to U-Channel  
SIDES: A and B - Double sided  
Vinyl Graphics applied to front face of Sign Panel.  
"Uptown Greenville" Logo Portion to be screenprinted.  
See Color Page for Specifications.

**25. STRAP**  
MATERIAL: Stainless steel with threaded tightening assembly including hardware  
MOUNTING: Adjustable for utility and street poles (round square up to 10" dia.)  
COLOR: Match pole finish. Black for black or dark colored poles. Stainless steel for light or stainless steel poles.  
QUANTITY: 3 per sign  
HARDWARE: As required - located on panel not interfere with graphic sign elements.

**NOTE:** Sign Contractor to coordinate the removal or movement of interfering existing signs on poles, with the city.

**26. U-CHANNEL**  
MATERIAL: 1/4" thk Aluminum U-Channels  
FABRICATION PROCESS: Extruded  
EDGES: square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to Strap

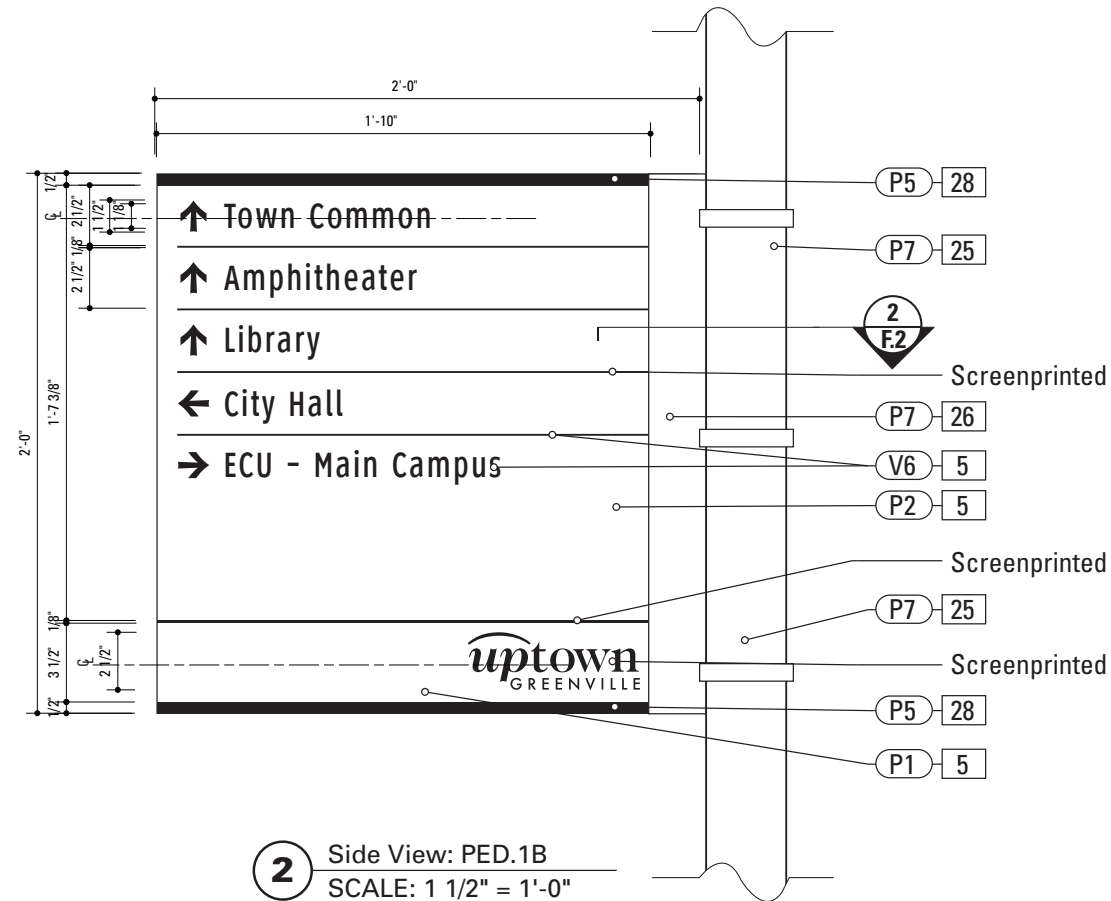
**28. ACCENT BAR**  
MATERIAL: 1/4" thick Aluminum bar stock  
FABRICATION PROCESS: Extruded / Cut  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: mechanically fasten to sign panel

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

**NOTES**  
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.  
2. Welds: All welds shall be ground smooth, paint all seams.  
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

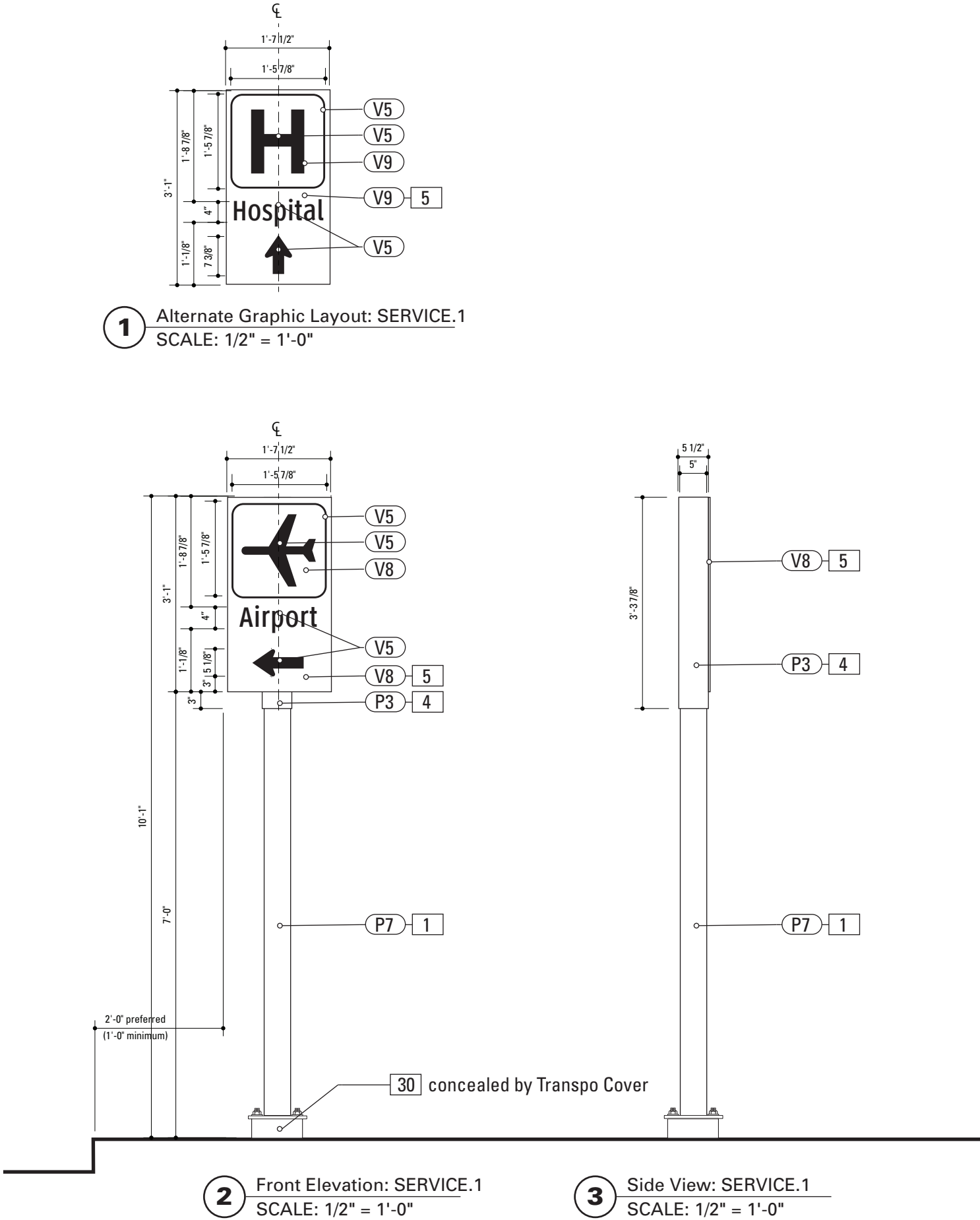
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT  <b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b>
merJe		
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		
SUBCONSULTANT		PROJECT NO. Y41-07963
DATE 6/30/2009	DRAWN BY: KB/GS	SHEET TITLE  <b>Sign Type PED.1</b> <b>Pedestrian Directional</b>
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		
REVISIONS		
05/22/2010		
08/06/2010		SHEET NO.  <b>D.20</b>
09/01/2010		
01/31/2011		

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SPECIFICATIONS		SIGN TYPE: PED.1B	FUNCTION: Pedestrian Directional
<p><b>5. SIGN PANEL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Square Cut EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to U-Channel SIDES: A and B - Double sided Vinyl Graphics applied to front face of Sign Panel. "Uptown Greenville" Logo Portion to be screenprinted. See Color Page for Specifications.</p>		<p>EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti</p>	
<p><b>25. STRAP</b> MATERIAL: Stainless steel with threaded tightening assembly including hardware MOUNTING: Adjustable for utility and street poles (round square up to 10" dia.) COLOR: Match pole finish Black QUANTITY: 3 per sign HARDWARE: As required - located on panel not interfere with graphic sign elements.</p>		<p><b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.</p>	
<p><b>26. U-CHANNEL</b> MATERIAL: 1/4" thk Aluminum U-Channels FABRICATION PROCESS: Extruded EDGES: square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to Strap</p>			
<p><b>27. POLE</b> POLE: 3 1/2" dia. 1/4" thick aluminum MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</p>			
<p><b>28. ACCENT BAR</b> MATERIAL: 1/4" thick Aluminum bar stock FABRICATION PROCESS: Extruded / Cut EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: mechanically fasten to sign panel</p>			
<p><b>29. PEDESTRIAN POLE CAP</b> PRODUCT: Cast Aluminum Post Top Finial MATERIAL: Aluminum FABRICATION PROCESS: Cast</p>			
		<div>DESIGN NOTE: Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>	
<p><b>NOTES</b></p> <p>1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.</p> <p>2. Welds: All welds shall be ground smooth, paint all seams.</p> <p>3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.</p> <p>4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlamineate.</p>			
<div>ENVIRONMENTS &amp; EXPERIENCES</div> <div>merJe</div> <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com</div>			CLIENT / PROJECT
			<div>City of Greenville, NC</div> <div>City of Greenville, NC</div> <div>Wayfinding and Signage</div>
SUBCONSULTANT			PROJECT NO. Y41-07963
DATE 6/30/2009			<div>SHEET TITLE</div> <div>Sign Type PED.1B</div> <div>Pedestrian Directional</div>
DRAWN BY: KB/GS			
REVISIONS			
05/22/2010			
08/06/2010			
09/01/2010			SHEET NO.
01/31/2011			
<div>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</div>			D.21



SPECIFICATIONS SIGN TYPE: SERVICE.1 FUNCTION: Service Trailblazer

**1. POLE**  
POLE: 5" dia. 1/4" thick aluminum  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.

**4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole

**5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

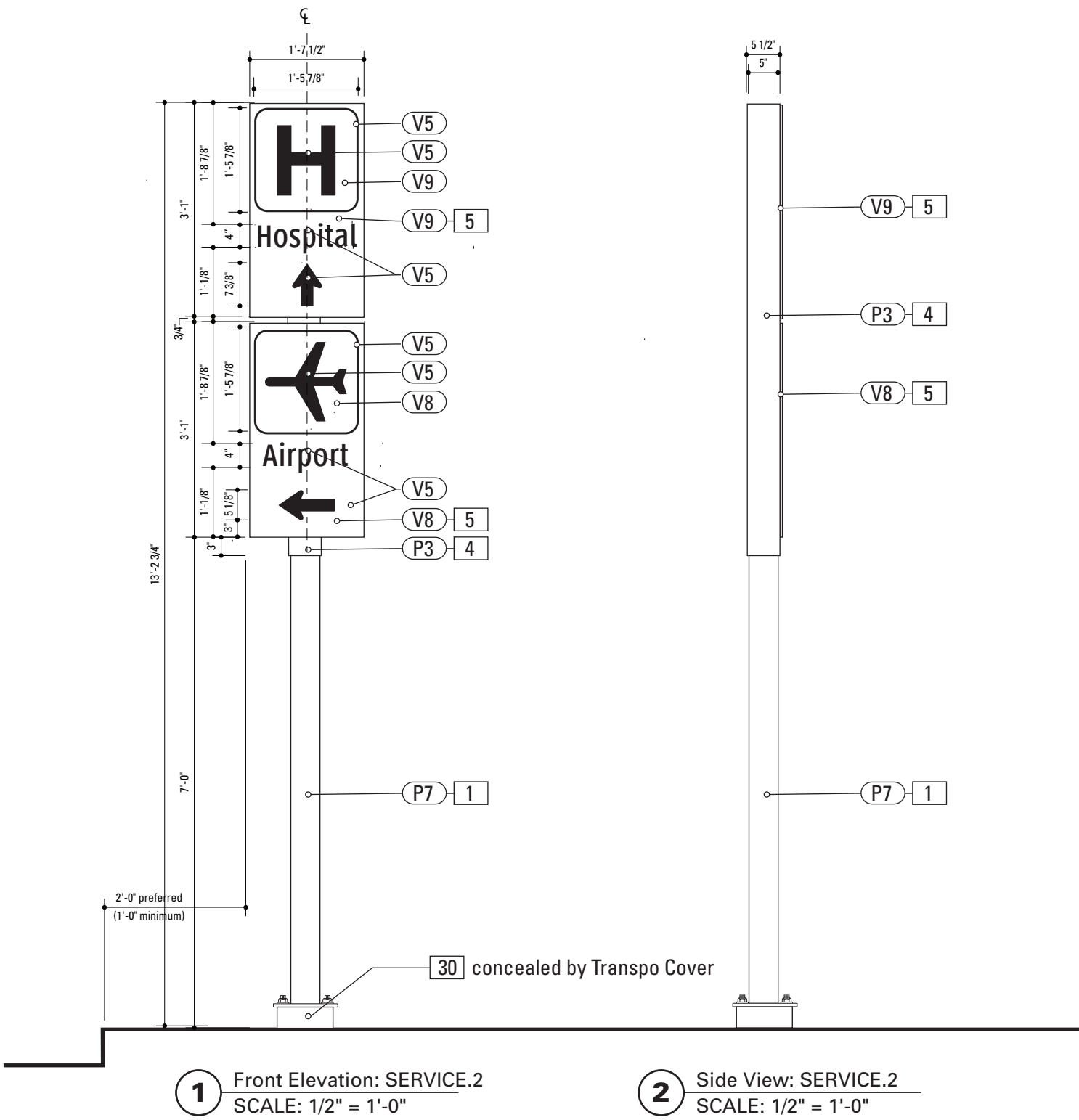
**30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

**NOTES**  
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.  
2. Welds: All welds shall be ground smooth, paint all seams.  
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminates.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
merJe		
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SUBCONSULTANT		PROJECT NO. Y41-07963
DATE 6/30/2009		SHEET TITLE  Sign Type SERVICE.1 Service Trailblazer
DRAWN BY: KB/GS		
REVISIONS		
05/22/2010		
08/06/2010		SHEET NO. D.22
09/01/2010		
01/31/2011		
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		

Gary K. Munkelt & Associates  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

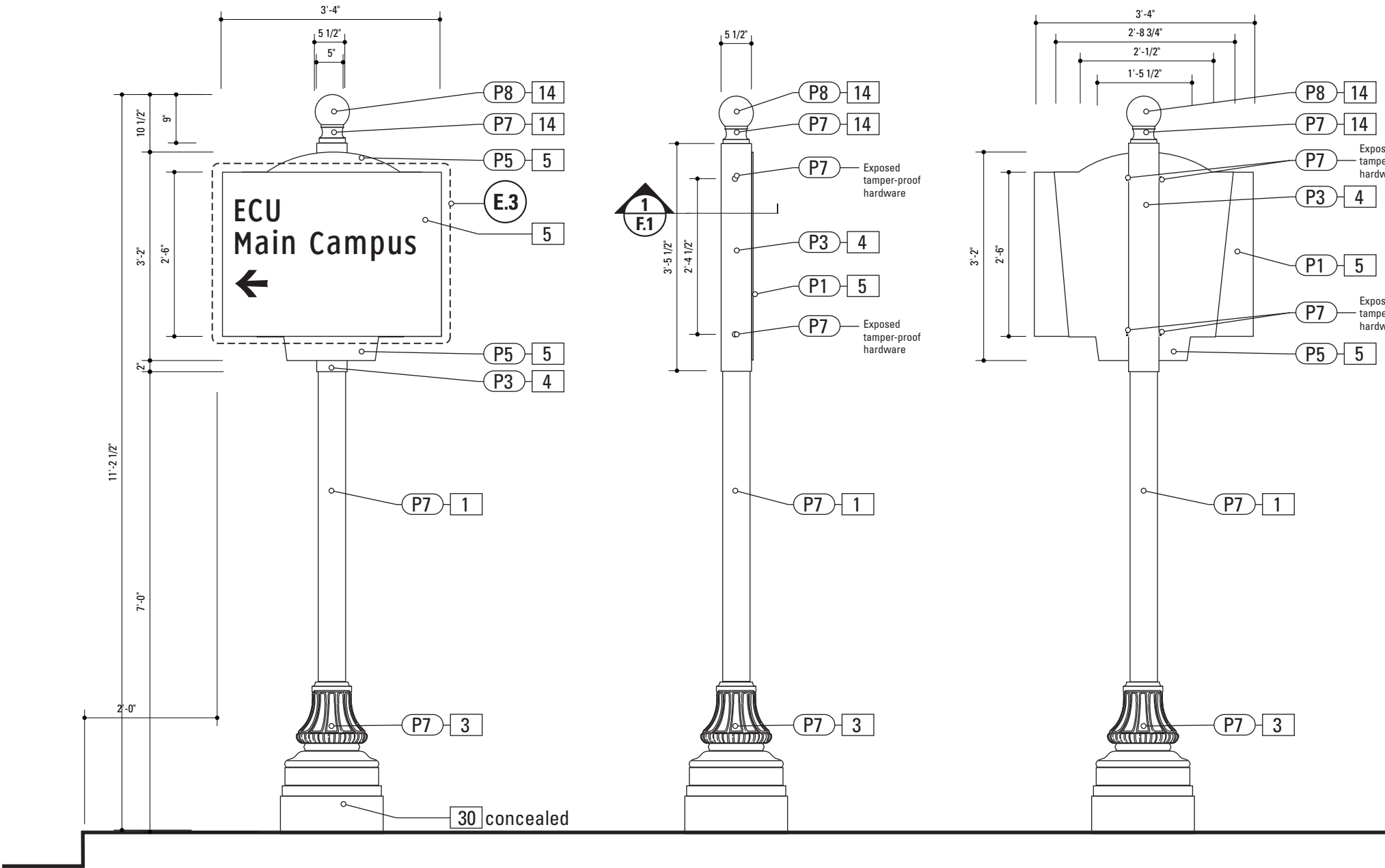


1 Front Elevation: SERVICE.2  
SCALE: 1/2" = 1'-0"

2 Side View: SERVICE.2  
SCALE: 1/2" = 1'-0"

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North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: SERVICE.2	FUNCTION: Service Trailblazer
<p><b>1. POLE</b> POLE: 5" dia. 1/4" thick aluminum MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications</p> <p>Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.</p> <p><b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole</p> <p><b>5. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.</p> <p><b>30. BREAKAWAY FOOTER</b> Product: TRANSP0 Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.</p>			
<div><div><p><b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</p></div></div>			
<p><b>NOTES</b></p> <p>1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.</p> <p>2. Welds: All welds shall be ground smooth, paint all seams.</p> <p>3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.</p> <p>4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.</p>			
<p>ENVIRONMENTS &amp; EXPERIENCES</p> <p><b>merJe</b></p> <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></p>			<p>CLIENT / PROJECT</p> <p><b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b></p>
<p>SUBCONSULTANT</p>			<p>PROJECT NO. Y41-07963</p>
<p>DATE 6/30/2009</p>		<p>DRAWN BY: KB/GS</p>	<p>SHEET TITLE</p> <p><b>Sign Type SERVICE.2</b> <b>Service Trailblazer</b></p>
<p>These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.</p>		<p>REVISIONS</p>	
		<p>05/22/2010</p>	
		<p>08/06/2010</p>	
		<p>09/01/2010</p>	
<p>01/31/2011</p>		<p>SHEET NO.</p> <p><b>D.23</b></p>	



**1** Front Elevation: VDIR.1  
SCALE: 1/2" = 1'-0"

**2** Side View: VDIR.1  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.1  
SCALE: 1/2" = 1'-0"

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Structural Consulting Engineers  
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North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**SPECIFICATIONS** **SIGN TYPE: VDIR.1** **FUNCTION: Vehicular Directional**

- 1. POLE**  
POLE: 5" Nominal dia.  
OD: 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish  
from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

**30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.  
Seperate Spun Metal Base Cover hides couplings.

Finish: Factory Finish from Pole/Base Manufacturer.

NOTE:  
A separate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.)  
Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval.  
The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.
- 3. DECORATIVE BASE**  
CAST: Wrap around 2 piece base.  
Mechanically tightened.  
MATERIAL: Aluminum  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal.  
FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit.  
NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.

**4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole

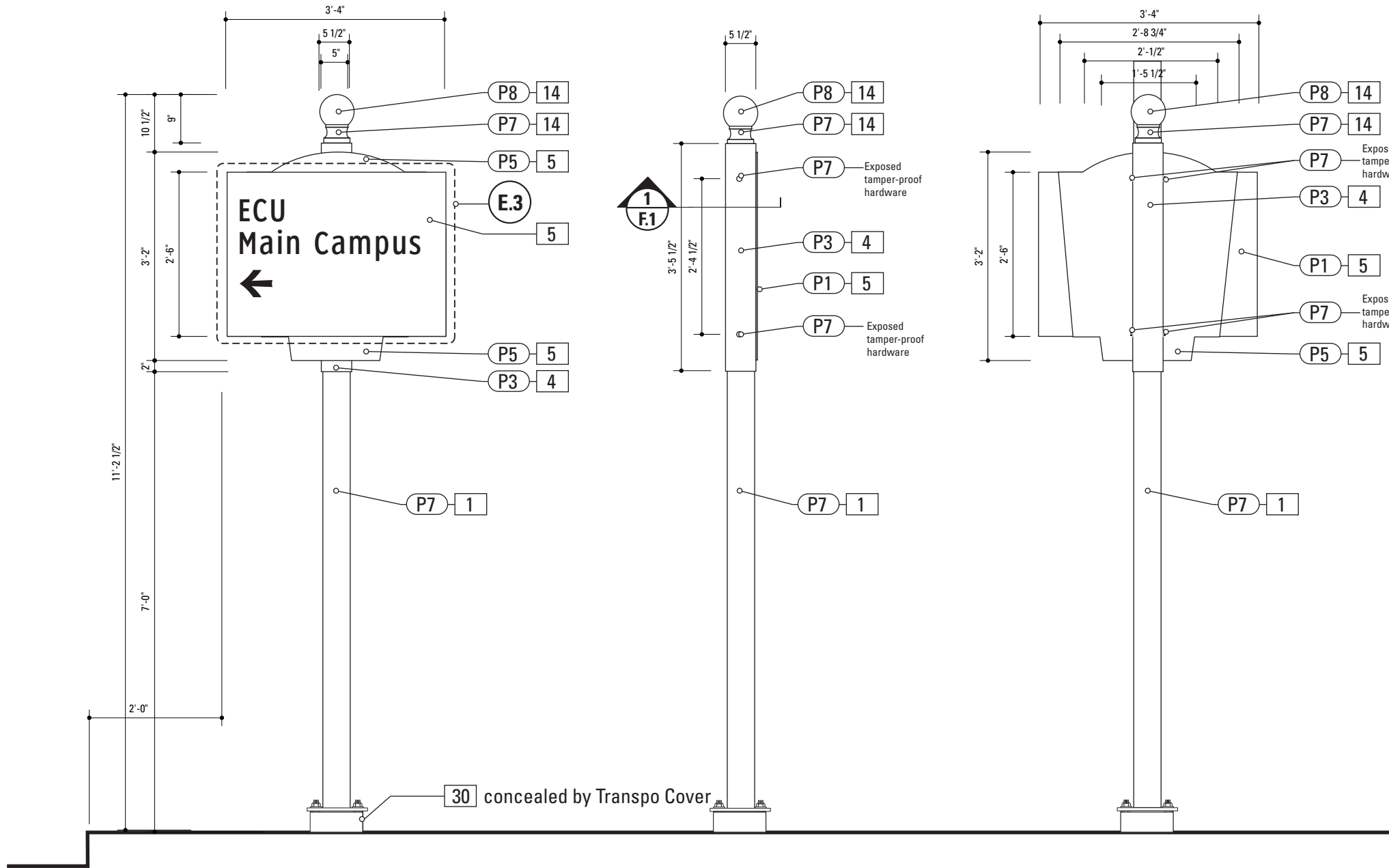
**5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

**14. POLE CAP**
- DESIGN NOTE:**  
*Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.*

**NOTES**  
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.  
2. Welds: All welds shall be ground smooth, paint all seams.  
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
<div><div>merJe</div><div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div></div>		
SUBCONSULTANT		PROJECT NO. Y41-07963
DATE 6/30/2009	DRAWN BY: KB/GS	SHEET TITLE  Sign Type VDIR.1 Vehicular Directional
REVISIONS		
05/22/2010		
08/06/2010		
09/01/2010		SHEET NO.  D.24
01/31/2011		





**1** Front Elevation: VDIR.1B  
SCALE: 1/2" = 1'-0"

**2** Side View: VDIR.1B  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.1B  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**SPECIFICATIONS**      **SIGN TYPE:** VDIR.1B      **FUNCTION:** Vehicular Directional

**1. POLE**  
POLE: 5" dia. 1/4" thick aluminum  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.

**4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole

**5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

**14. POLE CAP**  
PRODUCT: Cast Aluminum Post Top Finial  
MATERIAL: Aluminum  
FABRICATION PROCESS: Cast  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE Process: Paint all exposed surfaces  
CLEARCOAT: Acrylic Polyurethane Clear Satin  
FASTENER: Mechanically fasten to pole

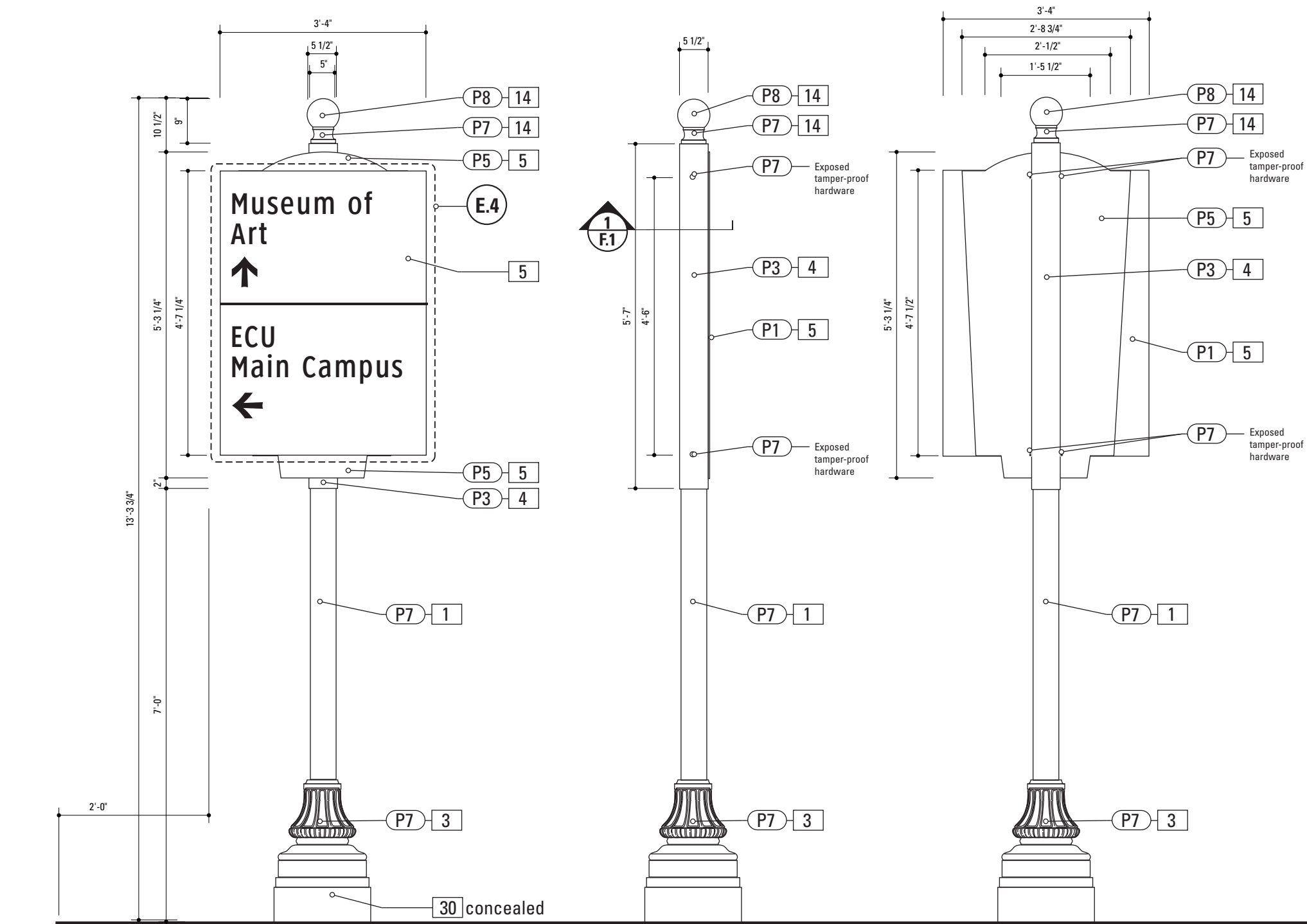
**30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.

**DESIGN NOTE:**  
*Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.*

**NOTES**  
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.  
2. Welds: All welds shall be ground smooth, paint all seams.  
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
<div>merJe</div> <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div>		
SUBCONSULTANT		PROJECT NO. Y41-07963
DATE 6/30/2009	DRAWN BY: KB/GS	SHEET TITLE  <b>Sign Type VDIR.1B Vehicular Directional</b>
REVISIONS		
05/22/2010		
08/06/2010		
09/01/2010		SHEET NO.  <b>D.25</b>
01/31/2011		





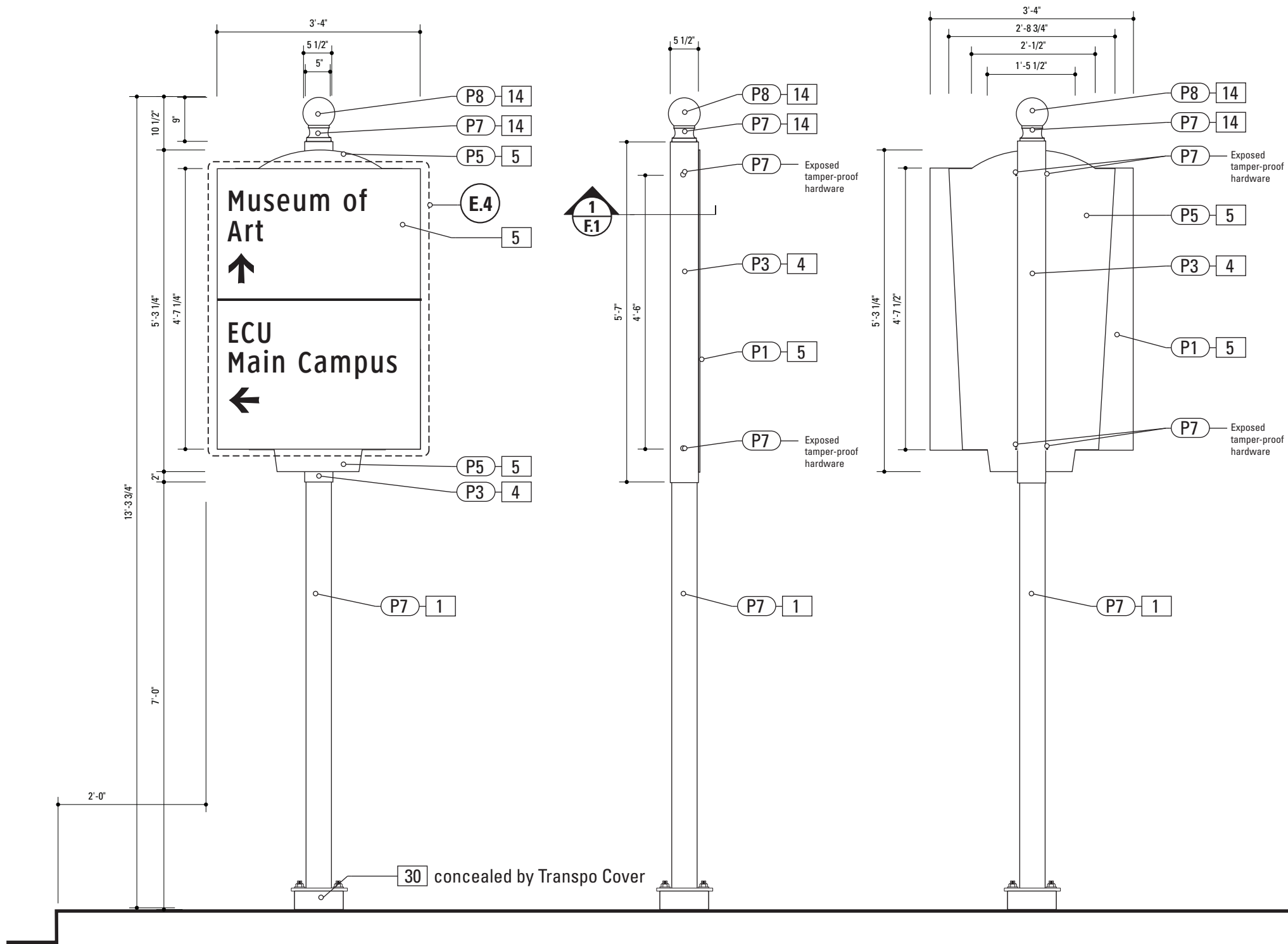
**1** Front Elevation: VDIR.2  
SCALE: 1/2" = 1'-0"

**2** Side View: VDIR.2  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.2  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: VDIR.2	FUNCTION: Vehicular Directional
<b>1. POLE</b> POLE: 5" Nominal dia. OD: 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications  Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.		<b>PRODUCT:</b> Cast Aluminum Post Top Finial <b>MATERIAL:</b> Aluminum <b>FABRICATION PROCESS:</b> Cast <b>EDGES:</b> Smooth <b>COLOR:</b> custom as noted <b>SURFACE Process:</b> Paint all exposed surfaces <b>CLEARCOAT:</b> UV Anti/Graffiti <b>FASTENER:</b> Mechanically fasten to pole	
<b>3. DECORATIVE BASE</b> CAST: Wrap around 2 piece base. Mechanically tightened. MATERIAL: Aluminum EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal. FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit. NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.		<b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications. Seperate Spun Metal Base Cover hides couplings.  Finish: Factory Finish from Pole/Base Manufacturer.  NOTE: A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.) Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval. The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.	
<b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole		<div><b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>	
<b>5. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.			
<b>14. POLE CAP</b>			
<b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminate.			
ENVIRONMENTS & EXPERIENCES			CLIENT / PROJECT
merJe 120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>			City of Greenville, NC City of Greenville, NC Wayfinding and Signage
SUBCONSULTANT			PROJECT NO. Y41-07963
DATE 6/30/2009			SHEET TITLE  Sign Type VDIR.2 Vehicular Directional
DRAWN BY: KB/GS			
REVISIONS			
05/22/2010			
08/06/2010			
09/01/2010			
01/31/2011			SHEET NO.
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.			D.26



**1** Front Elevation: VDIR.2B  
SCALE: 1/2" = 1'-0"

**2** Side View: VDIR.2B  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.2B  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

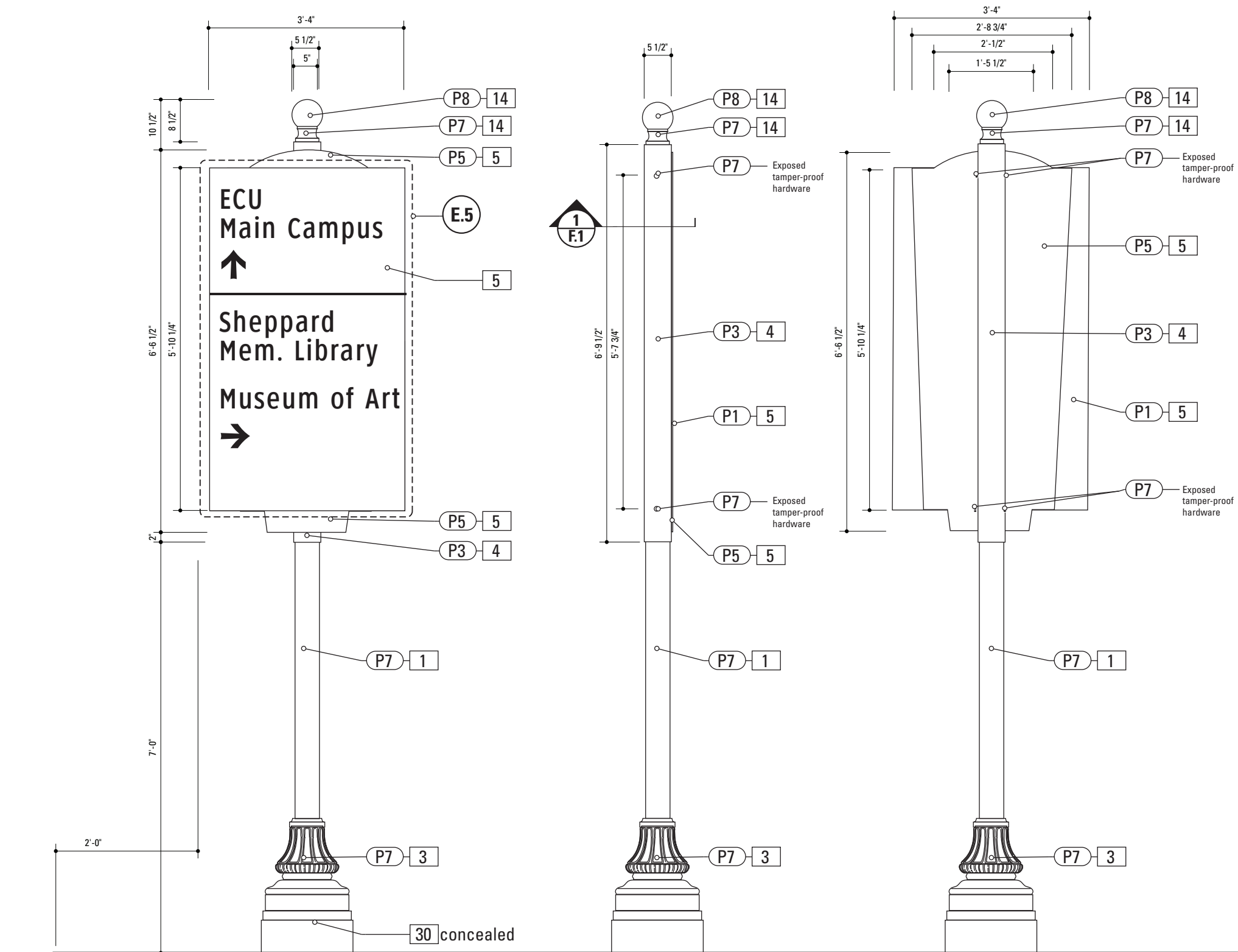
**SPECIFICATIONS**      **SIGN TYPE:** VDIR.2B      **FUNCTION:** Vehicular Directional

- 1. POLE**  
POLE: 5" dia. 1/4" thick aluminum  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.
- 4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole
- 5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.
- 14. POLE CAP**  
PRODUCT: Cast Aluminum Post Top Finial  
MATERIAL: Aluminum  
FABRICATION PROCESS: Cast  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE Process: Paint all exposed surfaces  
CLEARCOAT: Acrylic Polyurethane Clear Satin  
FASTENER: Mechanically fasten to pole
- 30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall
- DESIGN NOTE:**  
*Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.*

- NOTES**
- Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  - Welds: All welds shall be ground smooth, paint all seams.
  - Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  - All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE 6/30/2009	DRAWN BY: KB/GS	Sign Type VDIR.2B Vehicular Directional	
REVISIONS			
05/22/2010			
08/06/2010			
09/01/2010			
01/31/2011			
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO. D.27	



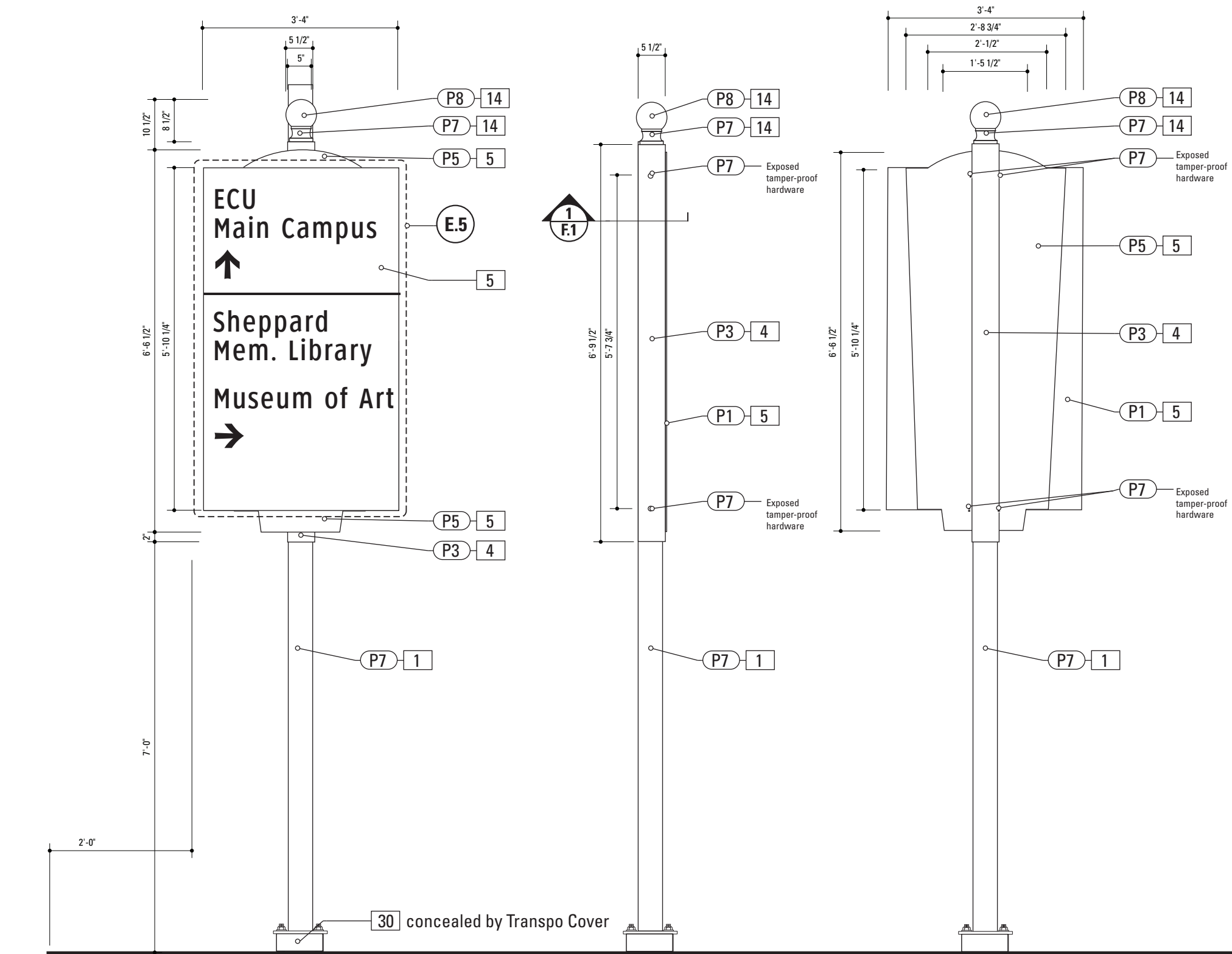
**1** Front Elevation: VDIR.3  
SCALE: 1/2" = 1'-0"

**2** Side View: VDIR.3  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.3  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS		SIGN TYPE: VDIR.3	FUNCTION: Vehicular Directional
<b>1. POLE</b> POLE: 5" Nominal dia. OD: 5.563 Schedule 40 Wall Thickness 0.258 ID 5.047 MATERIAL: Aluminum FABRICATION PROCESS: Extruded EDGES: Smooth COLOR: custom as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti FOOTER: As per NCDOT Division 9 Breakaway specifications  Note: The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.		<b>PRODUCT:</b> Cast Aluminum Post Top Finial <b>MATERIAL:</b> Aluminum <b>FABRICATION PROCESS:</b> Cast <b>EDGES:</b> Smooth <b>COLOR:</b> custom as noted <b>SURFACE Process:</b> Paint all exposed surfaces <b>CLEARCOAT:</b> UV Anti/Graffiti <b>FASTENER:</b> Mechanically fasten to pole	
<b>3. DECORATIVE BASE</b> CAST: Wrap around 2 piece base. Mechanically tightened. MATERIAL: Aluminum EDGES: Smooth COLOR: Custom, as noted SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer. CLEARCOAT: UV Anti/Graffiti STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal. FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit. NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.		<b>30. BREAKAWAY FOOTER</b> Product: TRANSPO Breakaway sign support system or NCDOT Approved equal Type: Male/Female Coupling assembly. Base Plate welded to pole. Size and specs to be determined by Contractors structural engineer. NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications. Seperate Spun Metal Base Cover hides couplings.  Finish: Factory Finish from Pole/Base Manufacturer.  NOTE: A seperate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.) Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval. The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.	
<b>4. SLEEVE</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Extruded EDGES: Square COLOR: custom, as noted SURFACE PROCESS: Paint all exposed surfaces CLEARCOAT: UV Anti/Graffiti FASTENER: Mechanically fastened to pole		<div><b>DESIGN NOTE:</b> Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.</div>	
<b>5. SIGN PANEL - REFLECTIVE VINYL</b> MATERIAL: 1/4" thk Aluminum FABRICATION PROCESS: Router Cut EDGES: Smooth COLOR: Custom, as noted GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications) FASTENER: Mechanical Reflective Vinyl Graphics applied to front face of Sign Panel. See Color Page for Specifications.			
<b>14. POLE CAP</b>			
<b>NOTES</b> 1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication. 2. Welds: All welds shall be ground smooth, paint all seams. 3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces. 4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to recieve 3M approved UV/Anti-Graffiti overlaminate.			
<div>ENVIRONMENTS &amp; EXPERIENCES</div> <div>merJe</div> <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div>			<b>CLIENT / PROJECT</b>  <b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b>
<b>SUBCONSULTANT</b>			<b>PROJECT NO.</b> Y41-07963
<b>DATE</b> 6/30/2009	<b>DRAWN BY:</b> KB/GS		<b>SHEET TITLE</b>  <b>Sign Type VDIR.3</b> <b>Vehicular Directional</b>
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.			
<b>REVISIONS</b>			
05/22/2010			
08/06/2010			
09/01/2010			<b>SHEET NO.</b>  <b>D.28</b>
01/31/2011			



**1** Front Elevation: VDIR.3B  
SCALE: 1/2" = 1'-0"

**2** Side View: VDIR.3B  
SCALE: 1/2" = 1'-0"

**3** Back View: VDIR.3B  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**SPECIFICATIONS** **SIGN TYPE:** VDIR.3B **FUNCTION:** Vehicular Directional

- 1. POLE**  
POLE: 5" dia. 1/4" thick aluminum  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications
- be breakaway as per NCDOT Division 9 Breakaway specifications.

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.

- 4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole

- 5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

- 14. POLE CAP**  
PRODUCT: Cast Aluminum Post Top Finial  
MATERIAL: Aluminum  
FABRICATION PROCESS: Cast  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE Process: Paint all exposed surfaces  
CLEARCOAT: Acrylic Polyurethane Clear Satin  
FASTENER: Mechanically fasten to pole

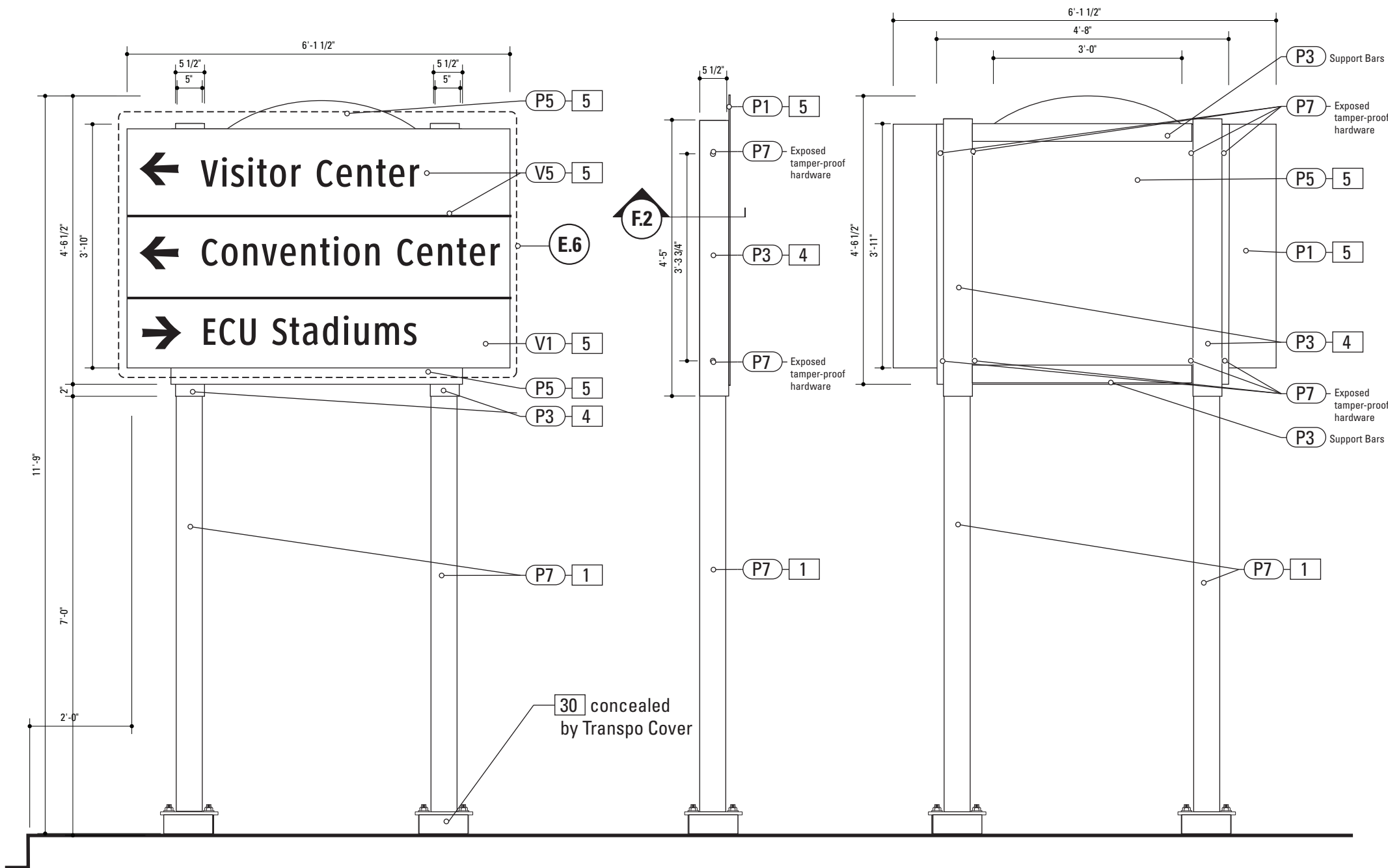
- 30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall

**DESIGN NOTE:**  
*Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.*

- NOTES**
- Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  - Welds: All welds shall be ground smooth, paint all seams.
  - Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  - All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		Sign Type VDIR.3B Vehicular Directional	
		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	





1 Front Elevation: VDIR.4  
SCALE: 1/2" = 1'-0"

2 Side View: VDIR.4  
SCALE: 1/2" = 1'-0"

3 Back View: VDIR.4  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**SPECIFICATIONS** **SIGN TYPE: VDIR.4** **FUNCTION: Vehicular Directional**

- 1. POLE**  
POLE: 5" dia. 1/4" thick aluminum  
MATERIAL: Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FOOTER: As per NCDOT Division 9 Breakaway specifications

Note:  
The Pole should be fully fabricated/finished with mounting plate for future field replacement. Bench Stock pole length would match the tallest sign type and trimmed to size as replacements are needed.

- 4. SLEEVE**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Extruded  
EDGES: Square  
COLOR: custom, as noted  
SURFACE PROCESS: Paint all exposed surfaces  
CLEARCOAT: UV Anti/Graffiti  
FASTENER: Mechanically fastened to pole

- 5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

- 14. POLE CAP**  
PRODUCT: Cast Aluminum Post Top Finial  
MATERIAL: Aluminum  
FABRICATION PROCESS: Cast  
EDGES: Smooth  
COLOR: custom as noted  
SURFACE Process: Paint all exposed surfaces  
CLEARCOAT: Acrylic Polyurethane Clear Satin  
FASTENER: Mechanically fasten to pole

- 30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall

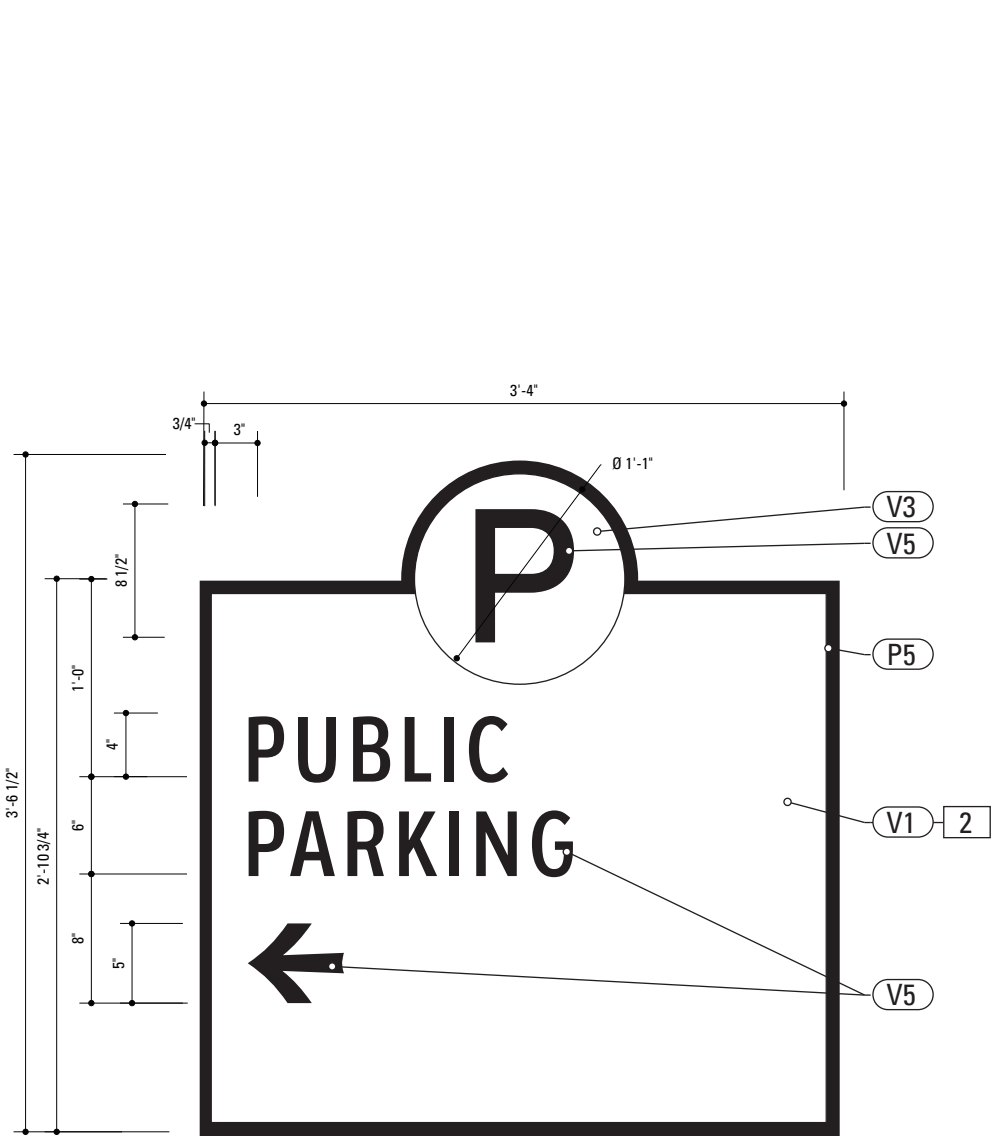
**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

- NOTES**  
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2. Welds: All welds shall be ground smooth, paint all seams.  
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

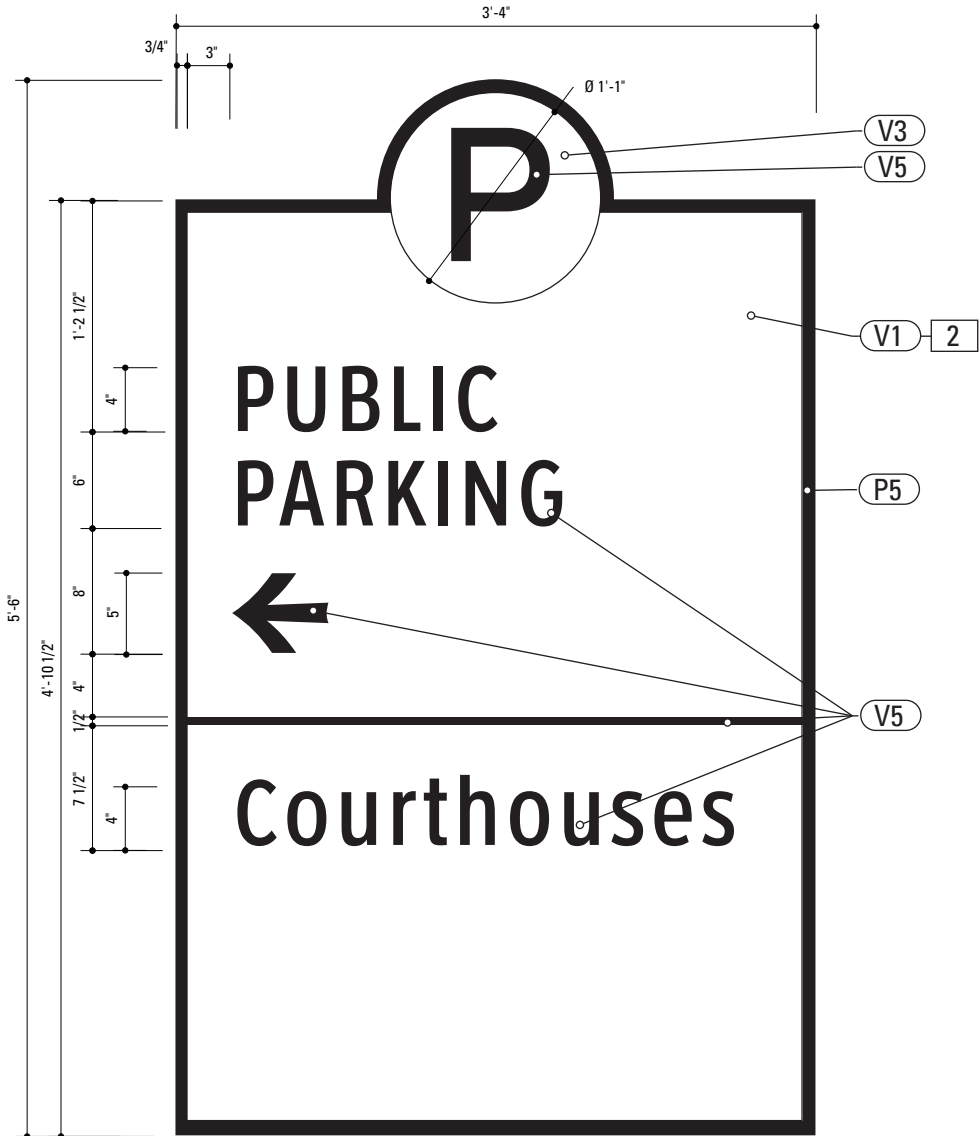
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE 6/30/2009	DRAWN BY: KB/GS	Sign Type VDIR.4 Vehicular Directional	
REVISIONS			
05/22/2010			
08/06/2010			
09/01/2010			
01/31/2011			
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET NO. D.30	

## E. Graphic Layouts





**1** Graphic Layout: PARK.3  
SCALE: 1" = 1'-0"



**2** Graphic Layout: PARK.4  
SCALE: 1" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**SPECIFICATIONS** **SIGN TYPE: PARK.3-4** **FUNCTION: Parking Directional**

**2. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

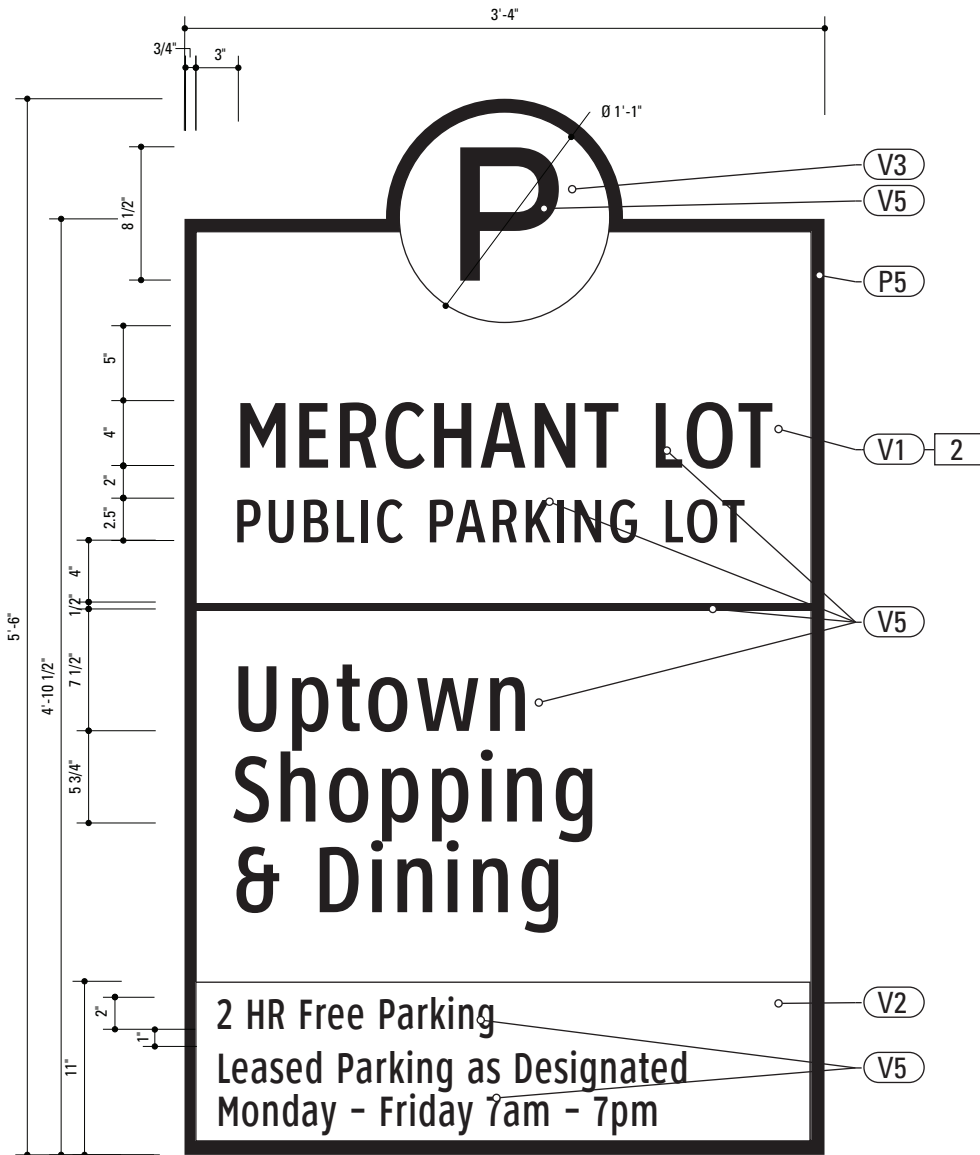
**DESIGN NOTE:**  
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4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		SHEET NO.	
		<b>Sign Type PARK.3-4 Parking Directional</b>	
		<b>E.1</b>	



**1** Graphic Layout: PARK.10  
SCALE: 1" = 1'-0"



**2** Graphic Layout: PARK.11  
SCALE: 1" = 1'-0"

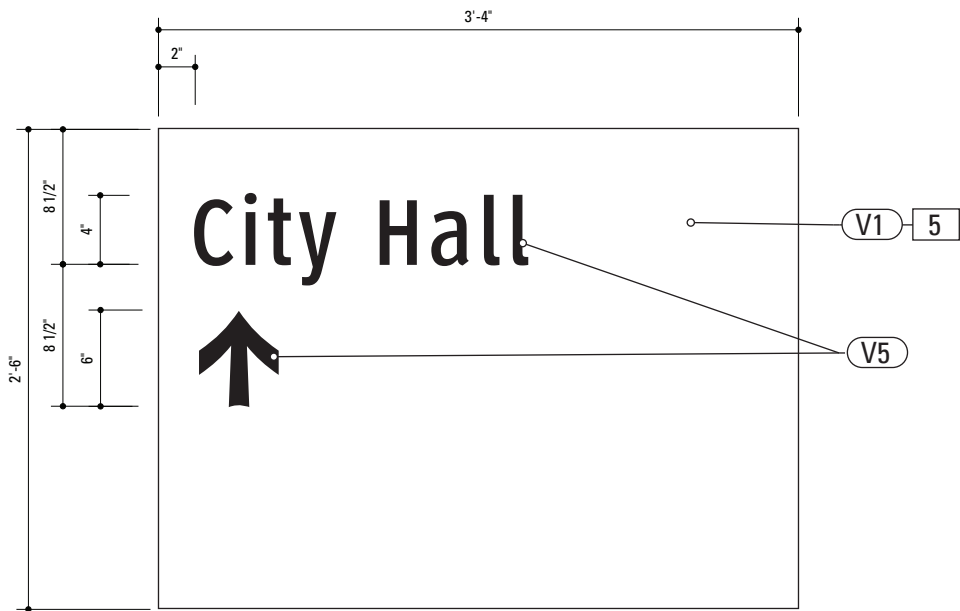
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**2. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

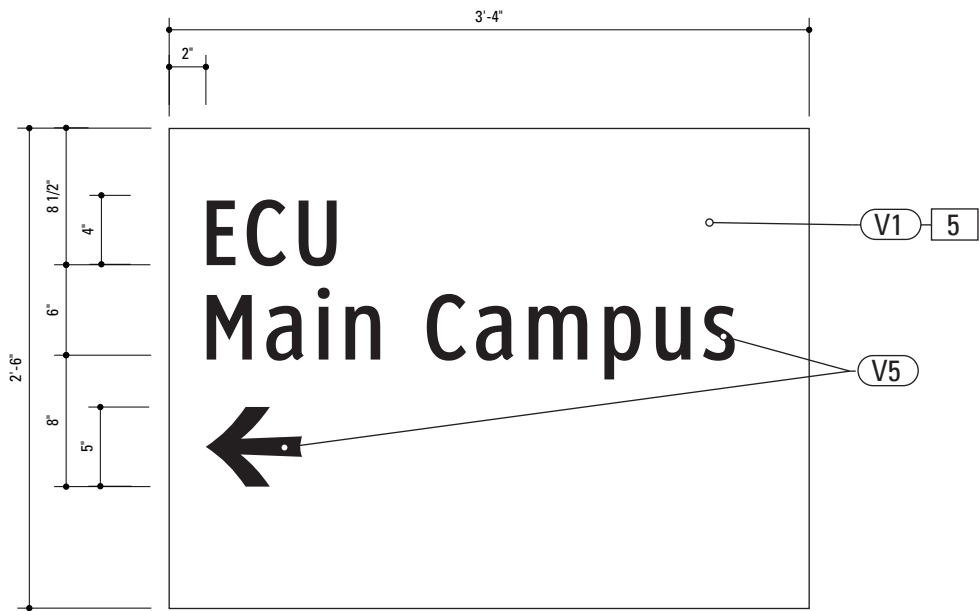
**DESIGN NOTE:**  
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3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		Sign Type PARK.10-11 Parking Identification	
		SHEET NO.	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	



**1** Alt. Graphic Layout: VDIR.1 & 1B  
SCALE: 1" = 1'-0"



**2** Alt. Graphic Layout: VDIR.1 & 1B  
SCALE: 1" = 1'-0"

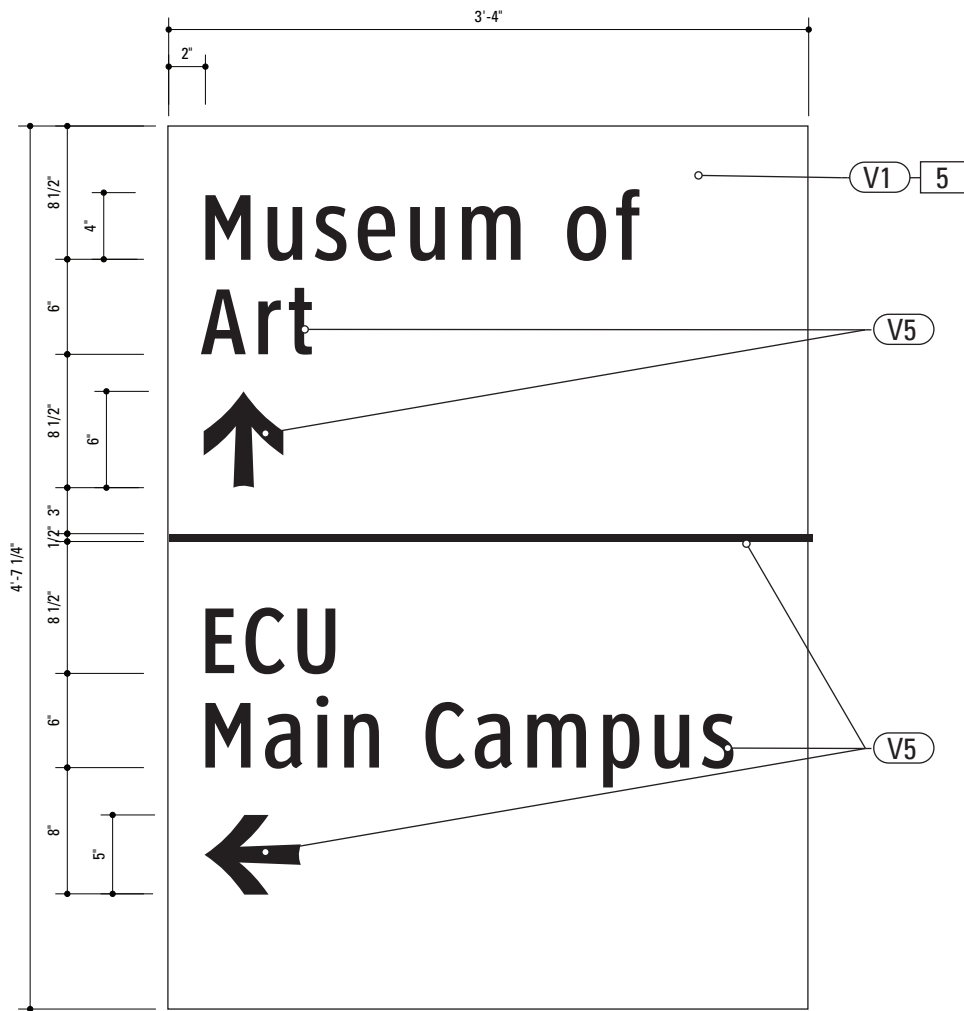
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom  
screened inks print direct to 3930 with 3M approved UV/  
Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color  
and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

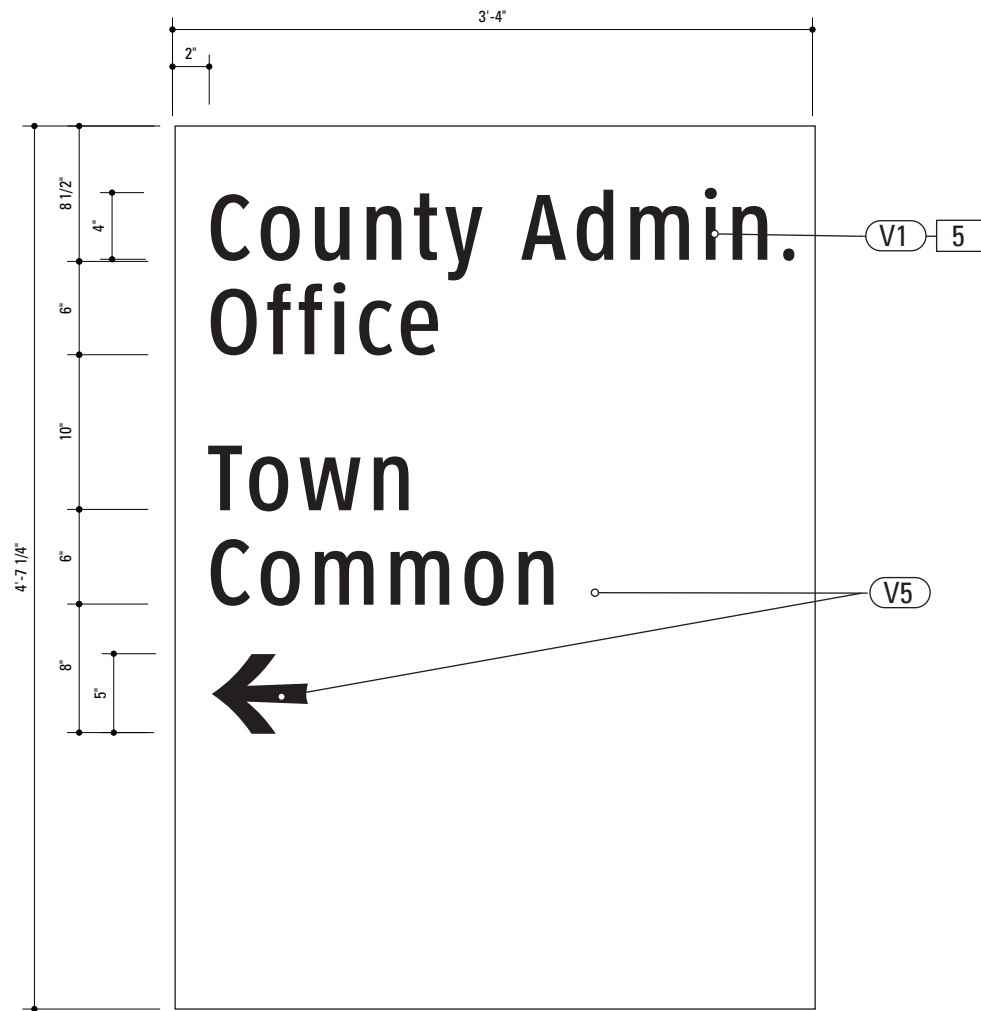
**DESIGN NOTE:**  
*Final design and shop drawings shall  
be supplied by the fabricator. North  
Carolina registered professional  
engineer is required to sign and seal  
the submittal of shop drawings.*

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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT
merJe		
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		City of Greenville, NC City of Greenville, NC Wayfinding and Signage
SUBCONSULTANT		PROJECT NO. Y41-07963
DATE 6/30/2009	DRAWN BY: KB/GS	SHEET TITLE  Sign Type VDIR.1-1B Vehicular Directional
REVISIONS		
05/22/2010		
08/06/2010		
09/01/2010		SHEET NO. E.3
01/31/2011		



1 Alt. Graphic Layout: VDIR.2 & 2B  
SCALE: 1" = 1'-0"



2 Alt. Graphic Layout: VDIR.2 & 2B  
SCALE: 1" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

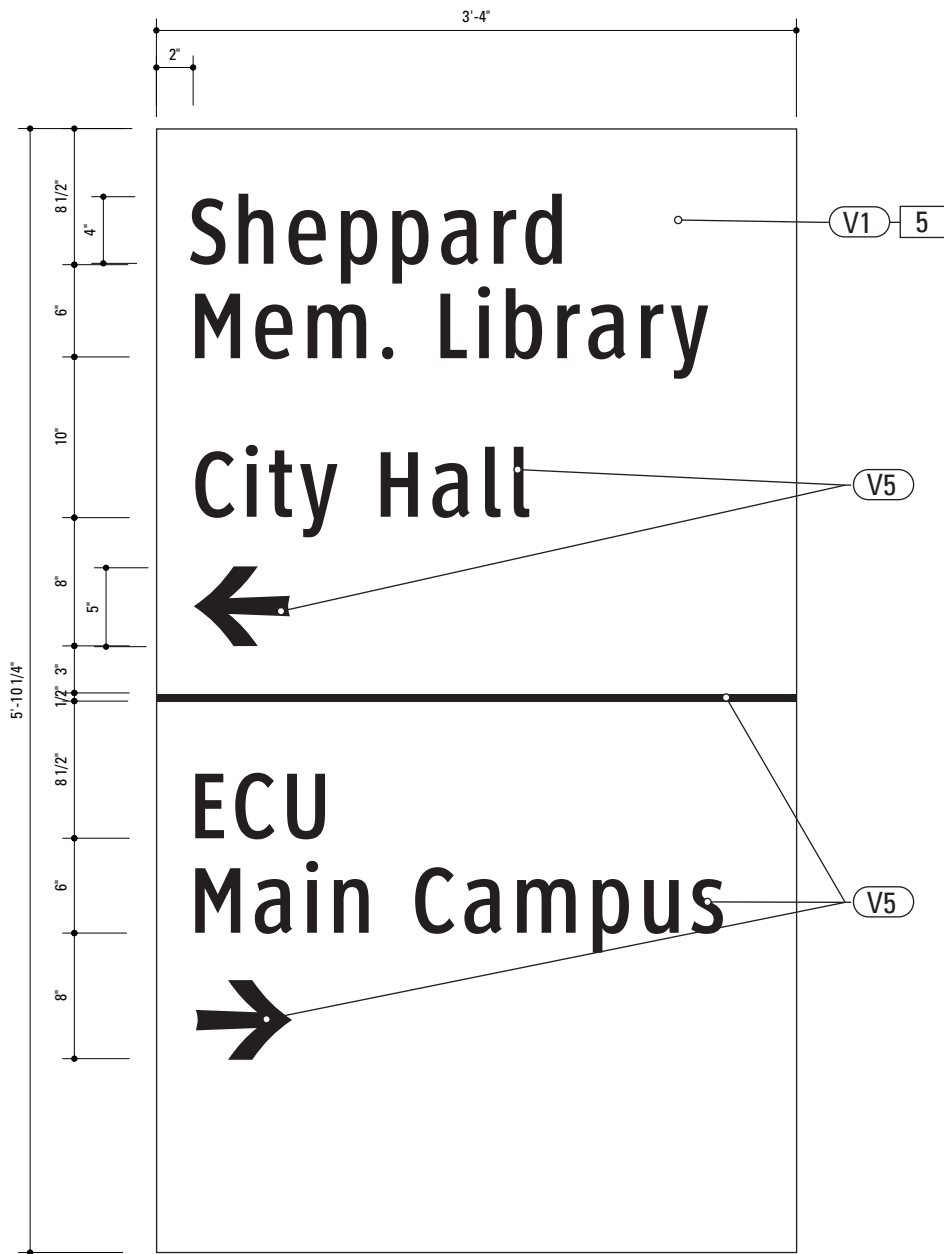
**SPECIFICATIONS** **SIGN TYPE:** VDIR.2-2B **FUNCTION:** Vehicular Directional

**5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom screened inks print direct to 3930 with 3M approved UV/ Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

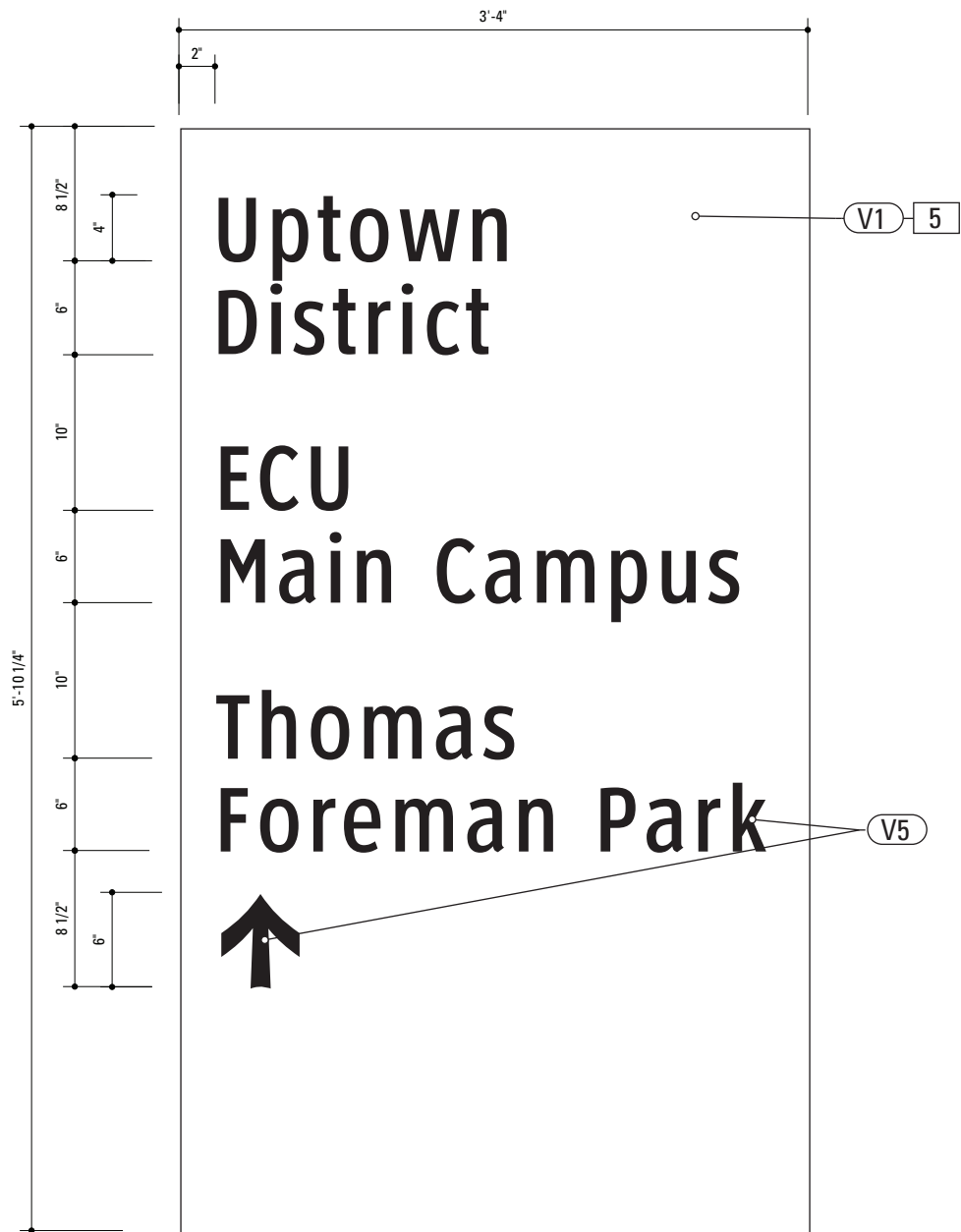
**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

**NOTES**  
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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		Sign Type VDIR.2-2B Vehicular Directional	
		SHEET NO.	
		E.4	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	



1 Alt. Graphic Layout: VDIR.3 & 3B  
SCALE: 1" = 1'-0"



2 Alt. Graphic Layout: VDIR.3 & 3B  
SCALE: 1" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

**SPECIFICATIONS** **SIGN TYPE:** VDIR.3-3B **FUNCTION:** Vehicular Directional

**5. SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom  
screened inks print direct to 3930 with 3M approved UV/  
Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color  
and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

**DESIGN NOTE:**  
Final design and shop drawings shall  
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engineer is required to sign and seal  
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3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and  
color matching adjacent surfaces.  
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M  
approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>	
		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		Sign Type VDIR.3-3B Vehicular Directional	
		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	
		E.5	



**1** Alt. Graphic Layout: VDIR.4  
SCALE: 1" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

5. **SIGN PANEL - REFLECTIVE VINYL**  
MATERIAL: 1/4" thk Aluminum  
FABRICATION PROCESS: Router Cut  
EDGES: Smooth  
COLOR: Custom, as noted  
GRAPHIC BACKGROUND AND COPY PROCESS: 3M custom  
screened inks print direct to 3930 with 3M approved UV/  
Graffiti Vinyl Over-laminates. (See Color Sheet A6 for all color  
and material specifications)  
FASTENER: Mechanical  
Reflective Vinyl Graphics applied to front face of Sign Panel.  
See Color Page for Specifications.

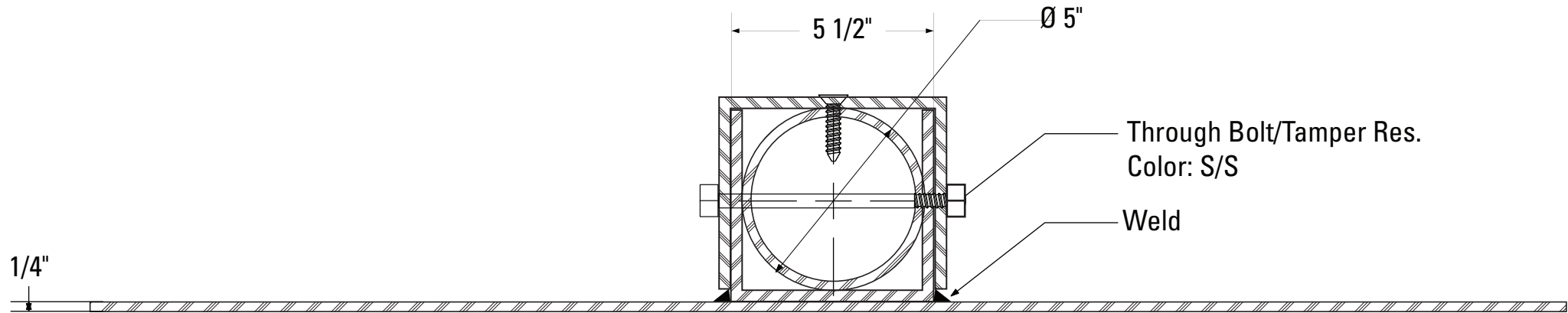
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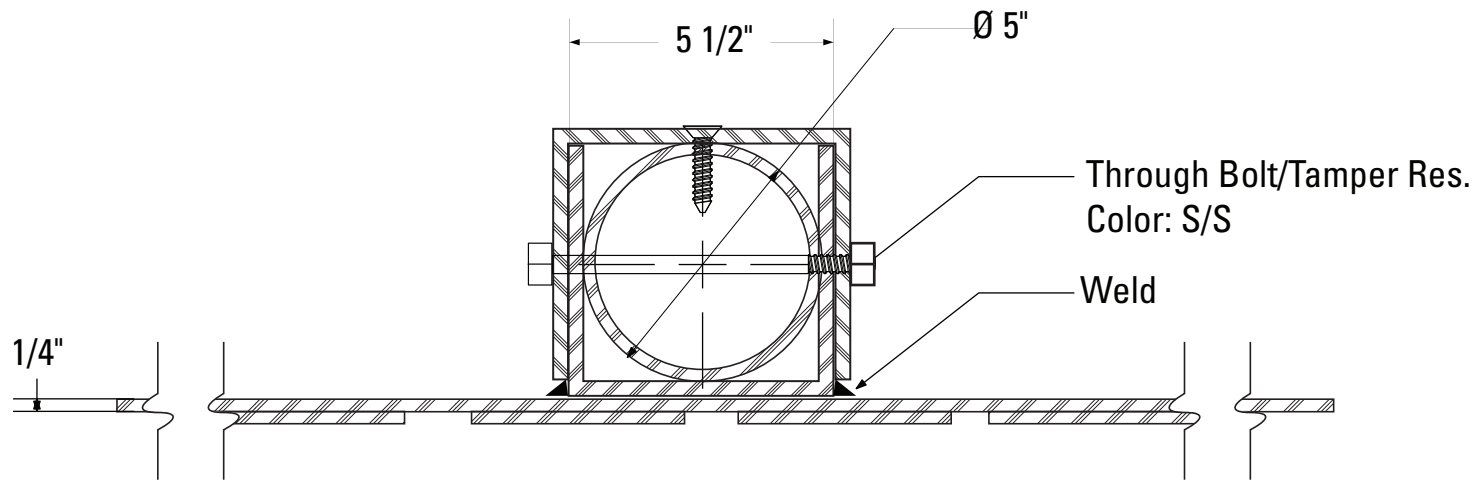
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		Sign Type VDIR.4 Vehicular Directional	
		SHEET NO.	
		E.6	



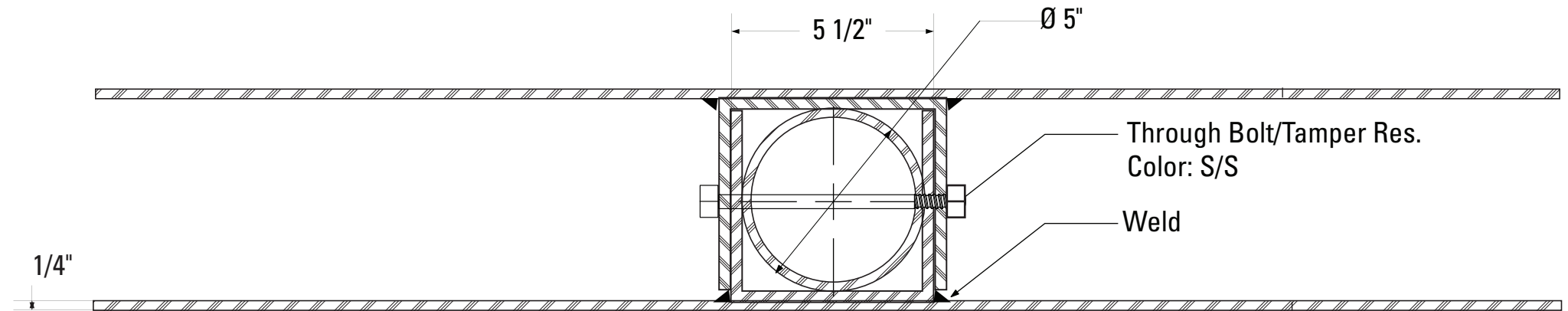
## F. Construction Details



1 Section: Sleeve Detail A  
SCALE: 1/4" = 1"



2 Section: Sleeve Detail B  
SCALE: 1/4" = 1"



3 Section: Sleeve Detail C  
SCALE: 1/4" = 1"

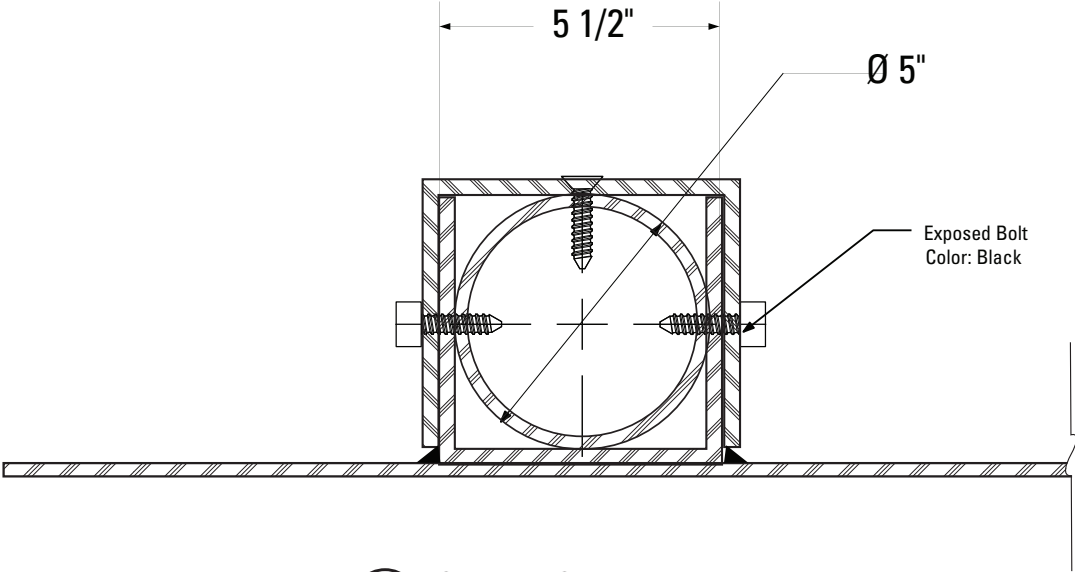
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS

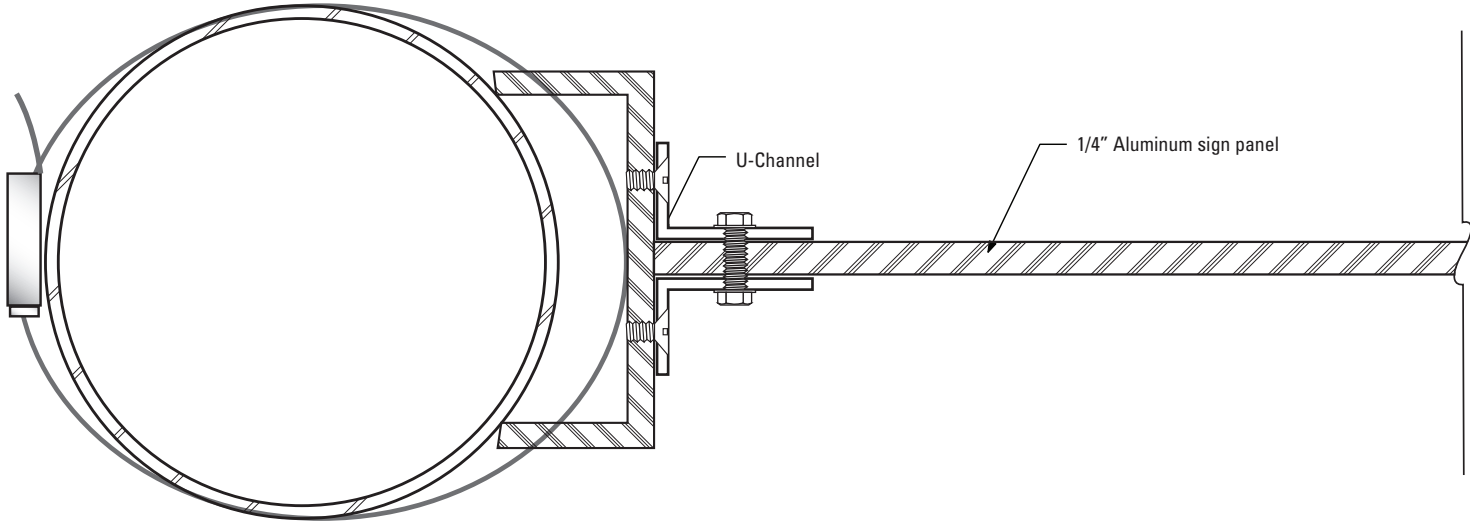
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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		Sleeve Section	
		SHEET NO.	
		F.1	



**1** Section: Sleeve Detail D  
SCALE: 1/4" = 1"



**2** Section: PED.1-2  
SCALE: 1/2" = 1"

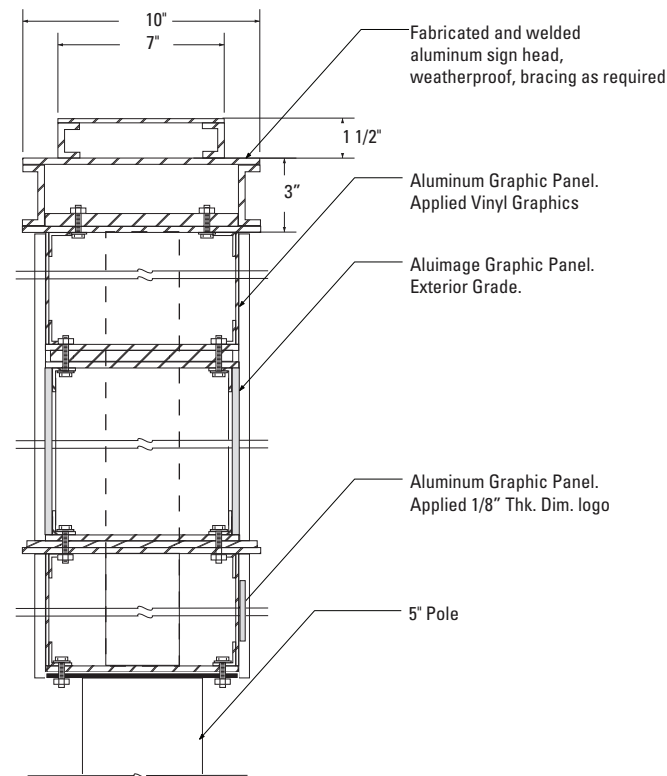
**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS

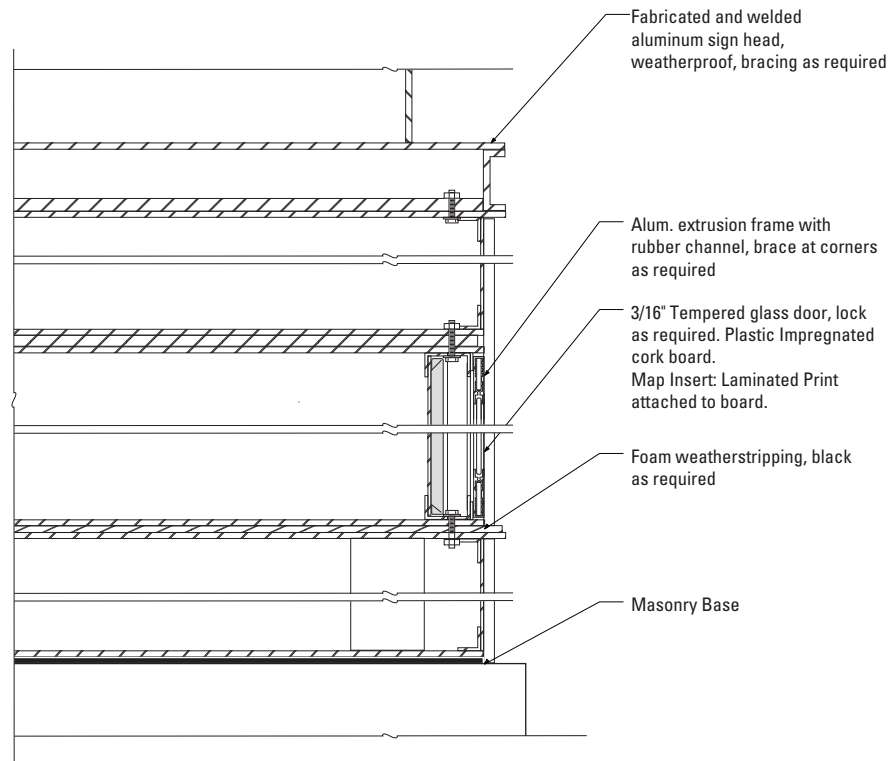
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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO.	Y41-07963
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	F.2



1 Section: KIOSK.1  
SCALE: 1 1/2" = 1'-0"



2 Section: KIOSK.2  
SCALE: 1/4" = 1"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS

**DESIGN NOTE:**  
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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>	
SUBCONSULTANT		PROJECT NO. Y41-07963	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		Kiosk Sections	
		SHEET NO.	
		F.3	

Finial SPECIFICATIONS

**Construction:**  
Design Style to match: Halophane Brand Small Post Top Finial BF or approved equal. The finials shall be one-piece construction. The finials shall consist of a one-piece casting or a casting welded to a piece of aluminum tubing. All Welding shall be per ANSI/ AWS D1.2-90

**Material:** The finial castings shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179-95a or ASTM B26-95. the tubing shall be aluminum. All hardware shall be Stainless Steel.

NOTE:  
A separate Spun Metal Base Cover hides couplings and is coordinated to fit around the Cast Metal Base to accommodate the Transpo Footer. (as shown in Bid Document Drawings.)  
Providers of decorative bases (such as Hadco or Hapco) provide the sized pole that matches the opening of the Base. Shop Drawings from the pole/base provider are required for review and approval.  
The design style suggested by the Contractor is subject to Designer/Owner review and approval. Finish: Factory Finish from Pole/Base Manufacturer.

Base SPECIFICATIONS

Construction:

**3. DECORATIVE BASE**  
CAST: Wrap around 2 piece base. Mechanically tightened.  
MATERIAL: Aluminum  
EDGES: Smooth  
COLOR: Custom, as noted  
SURFACE PROCESS: Powdercoated - Finish: Factory Finish from Pole/Base Manufacturer.  
CLEARCOAT: UV Anti/Graffiti  
STYLE: HADCO WAB 3000 Series or HAPCO Brand ARLEN. or approved equal.  
FASTENER: Mechanically tightened around pole Contractor to provide rubber gaskets were base and pole meet for tight fit.  
NOTE: A level concrete pad is to be formed to anchor the base, flush to grade.

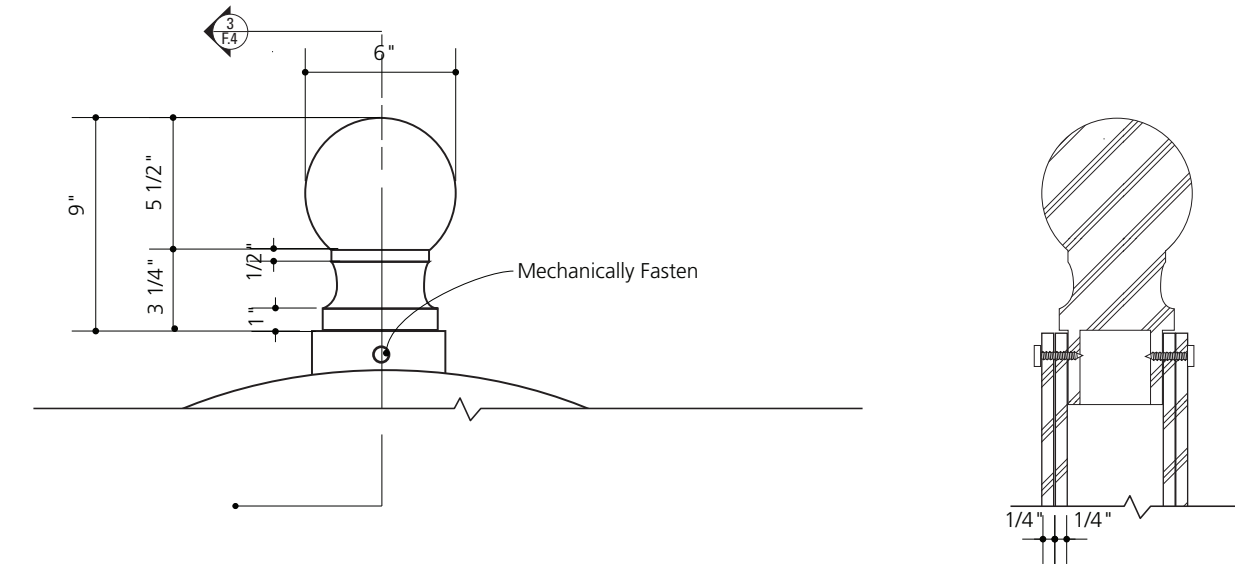
**30. BREAKAWAY FOOTER**  
Product: TRANSPO Breakaway sign support system or NCDOT Approved equal  
Type: Male/Female Coupling assembly.  
Base Plate welded to pole.  
Size and specs to be determined by Contractors structural engineer.  
NOTE: All signs are positioned within NCDOT R.O.W. and shall be breakaway as per NCDOT Division 9 Breakaway specifications.  
Separate Spun Metal Base Cover hides couplings.  
  
Finish: Factory Finish from Pole/Base Manufacturer.

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the Contractor. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

NOTES

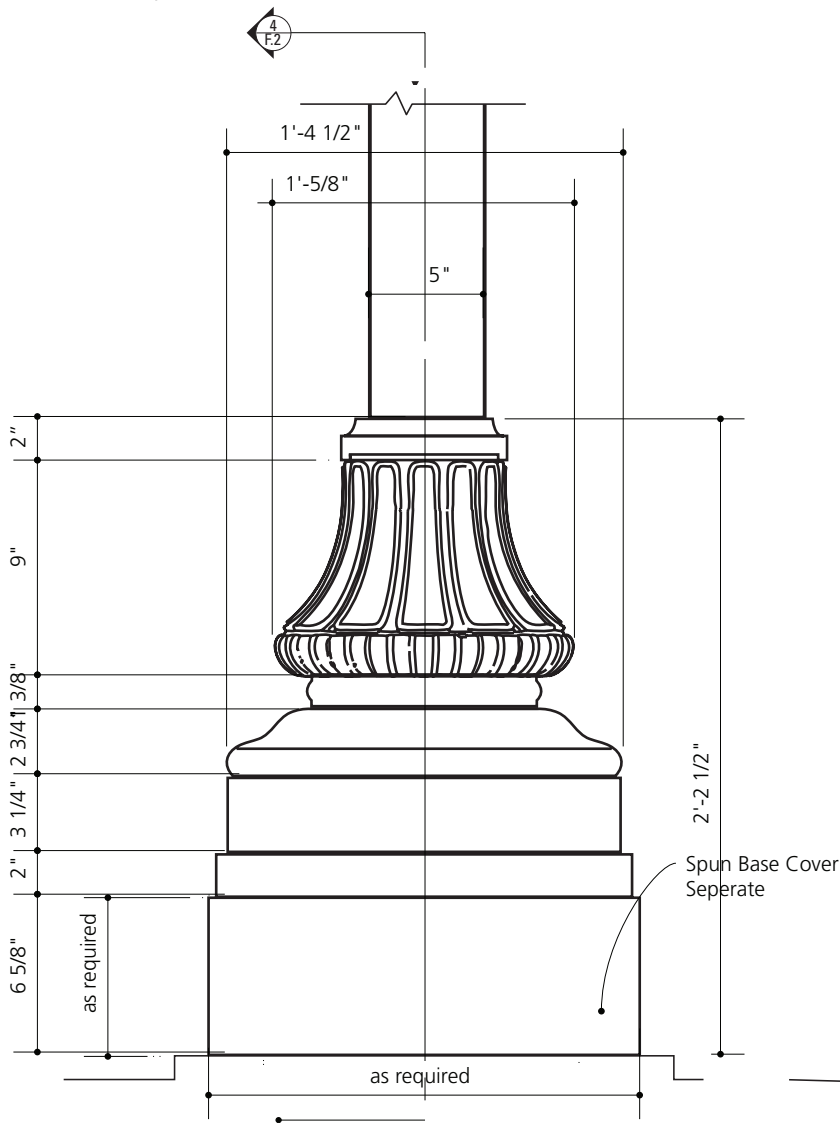
- Contractor to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Contractor must obtain approval from the Client or Client for placement prior to fabrication.
- Welds: All welds shall be ground smooth, paint all seams.
- Hardware: All exposed hardware shall be tamper proof fasteners.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 www.merjedesign.com		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE 6/30/2009	DRAWN BY: KB/GS	Base and Finial Cast Elements	
REVISIONS			
05/22/2010			
08/06/2010			
09/01/2010			
01/31/2011		SHEET NO. F.4	



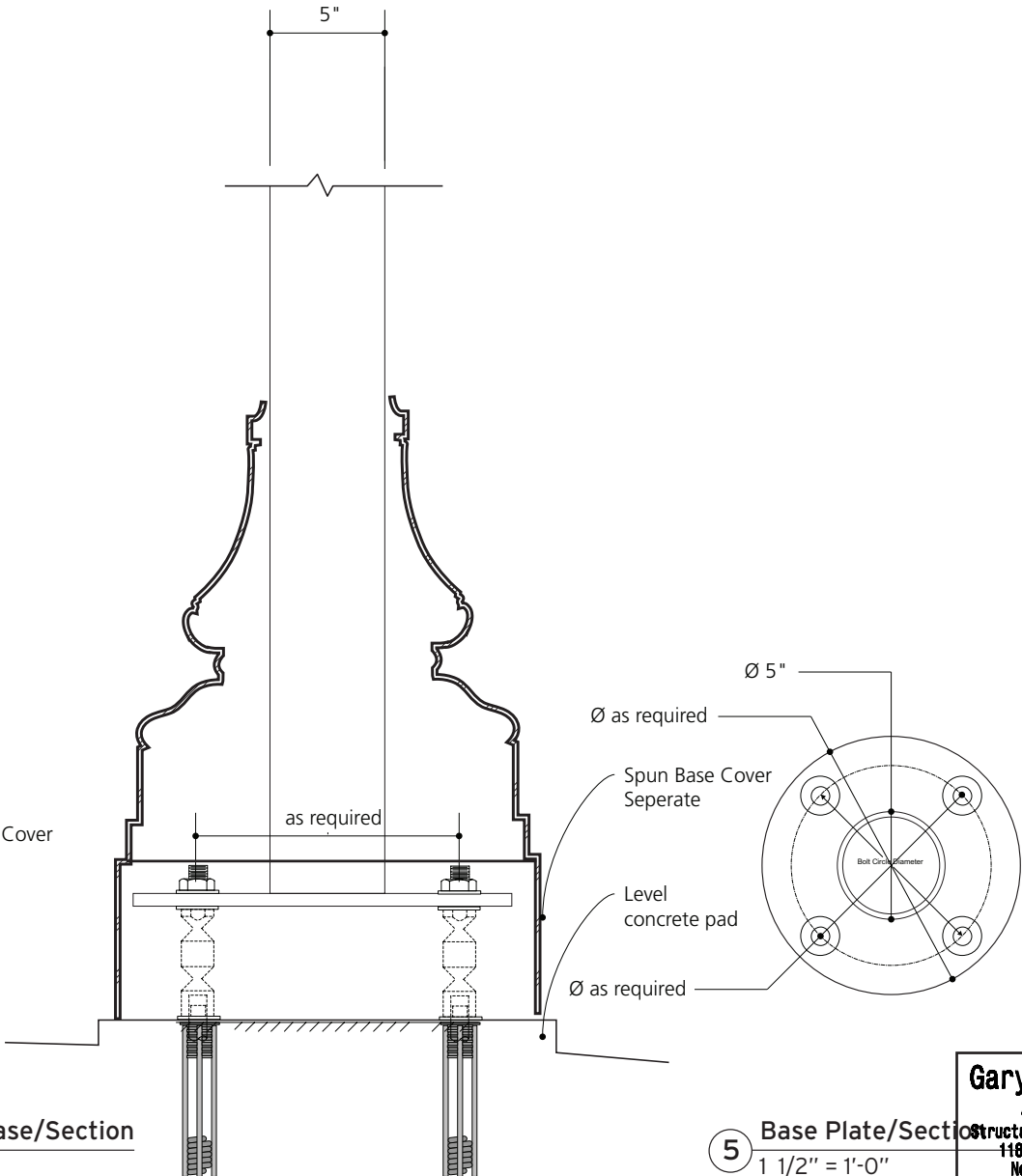
1 Pole Cap/Detail  
1 1/2" = 1'-0"

3 Pole Cap/Section  
1 1/2" = 1'-0"



2 Decorative Base/Detail  
1 1/2" = 1'-0"

4 Decorative Base/Section  
1 1/2" = 1'-0"

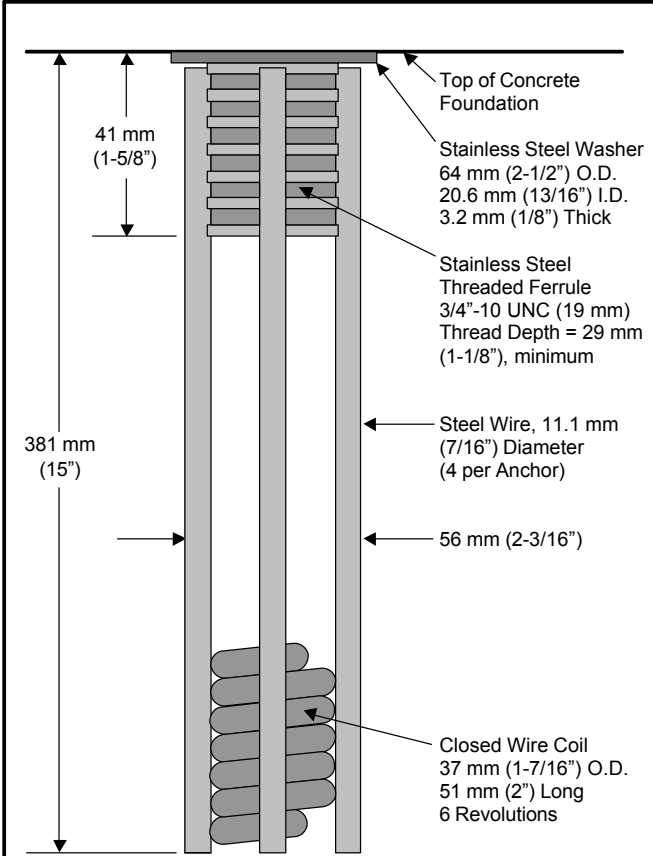


5 Base Plate/Section  
1 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714



**G. Footers**



### SPECIFICATIONS

**Physical Properties:**


- Ultimate Tensile Load = 266.9 kN (60.0 kips) minimum per Anchor.
- Actual Pullout Strength depends on foundation design and concrete properties.

**Installation Instructions:**

See other side of page for typical installation diagrams.

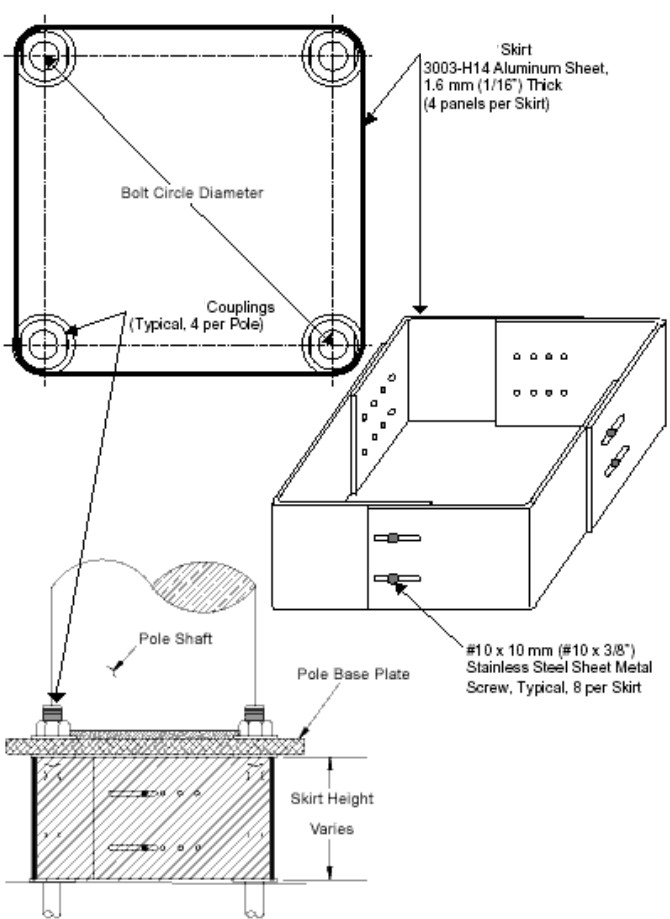
- Fabricate flat steel or wood template with four (4) 19 mm (3/4") diameter holes located to match the specified bolt pattern of the pole base plate.
- Attach four Female Anchors to template using four (4) 19 mm (3/4") diameter bolts. Ensure that each Anchor Washer is flush and snug against the bottom of the template.
- Lower Anchor Assembly into fresh concrete foundation, and vibrate into position such that the tops of the Anchor Washers are flush with the finished top surface of the foundation.
- Support template such that all Anchors are level and in their proper locations.
- Allow concrete to cure, and then remove bolts and template from the top of the foundation.

**Transpo® Type C Female Anchor**  
for use with Pole-Safe® Model No. 5075  
Breakaway Support System for Light Poles



**TRANSPO**  
INDUSTRIES, INC.  
The Smart Solutions Company

20 Jones Street  
New Rochelle, NY 10801  
914-636-1000



### SPECIFICATIONS

**PERFORMANCE CRITERIA:**

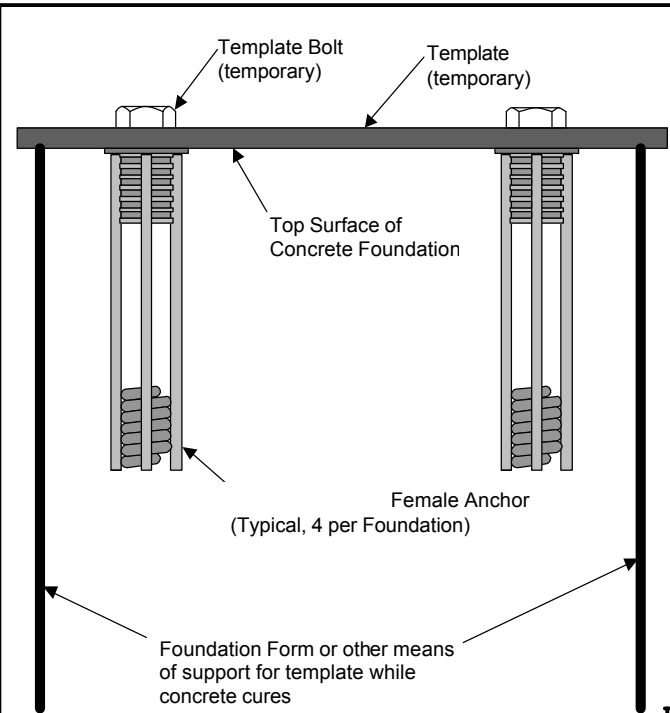
- Double-Neck Pole-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals."
- Double-Neck Pole-Safe has been crash-tested and FHWA approved in accordance with the requirements of NCHRP Report 350, "Recommended Procedures for the Safety Performance Evaluation of Highway Features."
- Maximum Allowable Pole Mass = 450 kg (922 lb) (total including fixtures).

**PHYSICAL PROPERTIES PER COUPLING:**

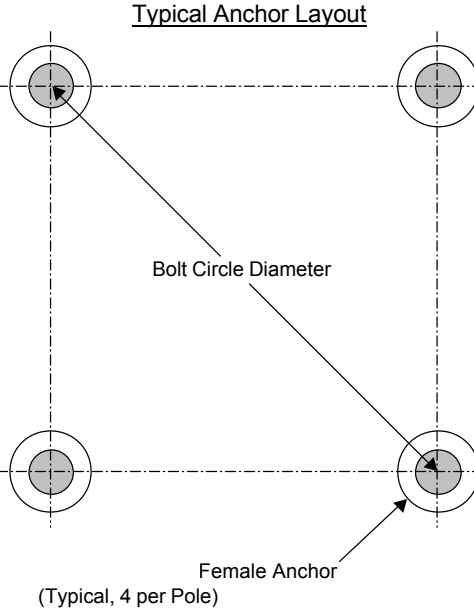
- Ultimate Tensile Strength = 221.5 kN (49.8 kips), minimum
- Tensile Yield Strength = 192.0 kN (43.2 kips), minimum.
- Ultimate Restrained Shear Strength = 24.5 kN (5.5 kips), maximum

**CORROSION PROTECTION:**  
All Hardware items are American Standard sizes, galvanized in accordance with ASTM A153 (hot dipped).


**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.



**Typical Anchor Layout**




**Transpo® Type C Female Anchor**  
for use with Pole-Safe® Model No. 5075  
Breakaway Support System for Light Poles



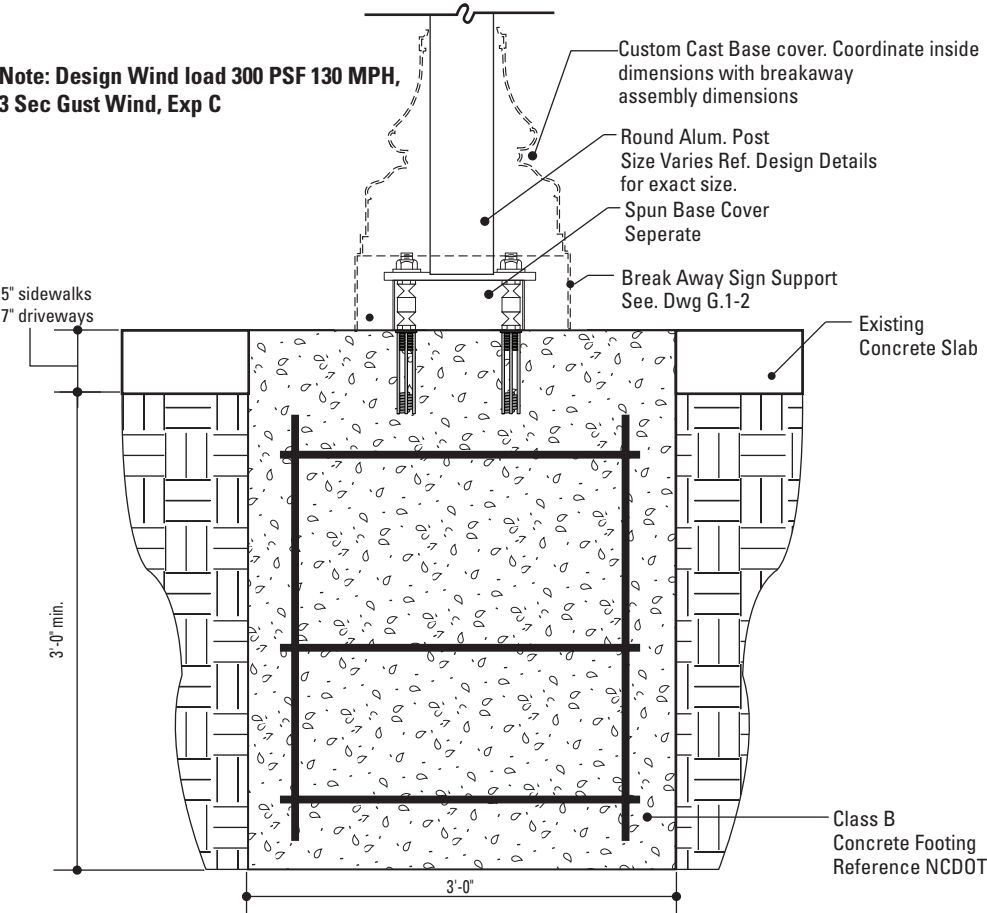
**TRANSPO**  
INDUSTRIES, INC.  
The Smart Solutions Company

20 Jones Street  
New Rochelle, NY 10801  
914-636-1000

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

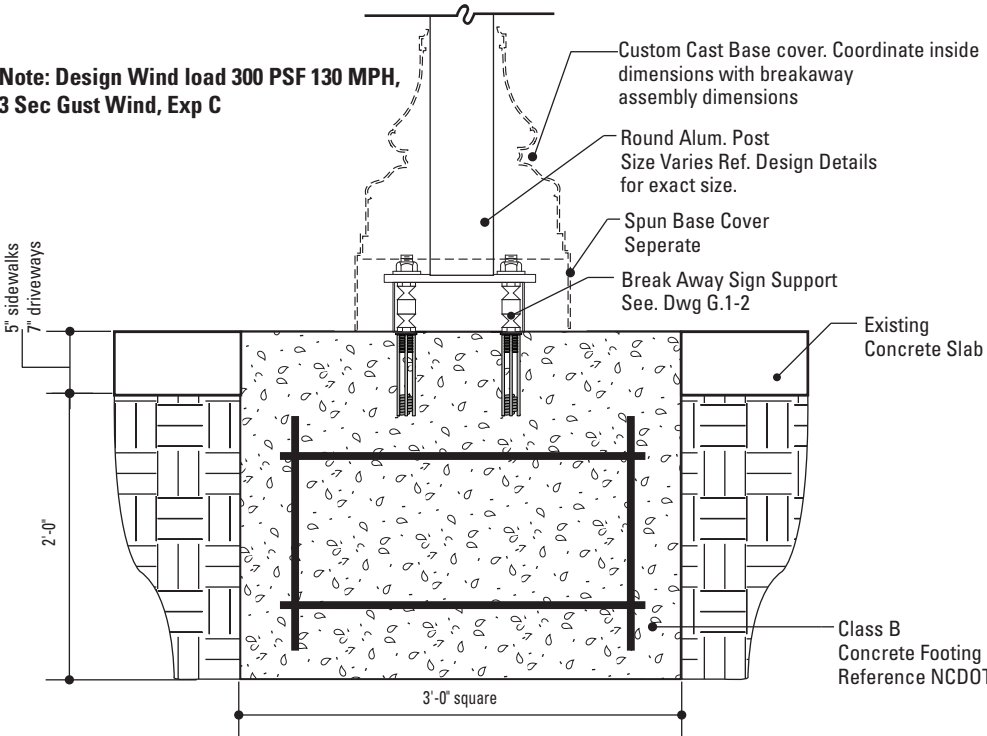
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
 <p>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></p>		<b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b>	
SUBCONSULTANT		PROJECT NO.	Y41-07963
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET TITLE	<b>Breakaway Footer Details</b>
		SHEET NO.	<b>G.1</b>

Note: Design Wind load 300 PSF 130 MPH,  
3 Sec Gust Wind, Exp C



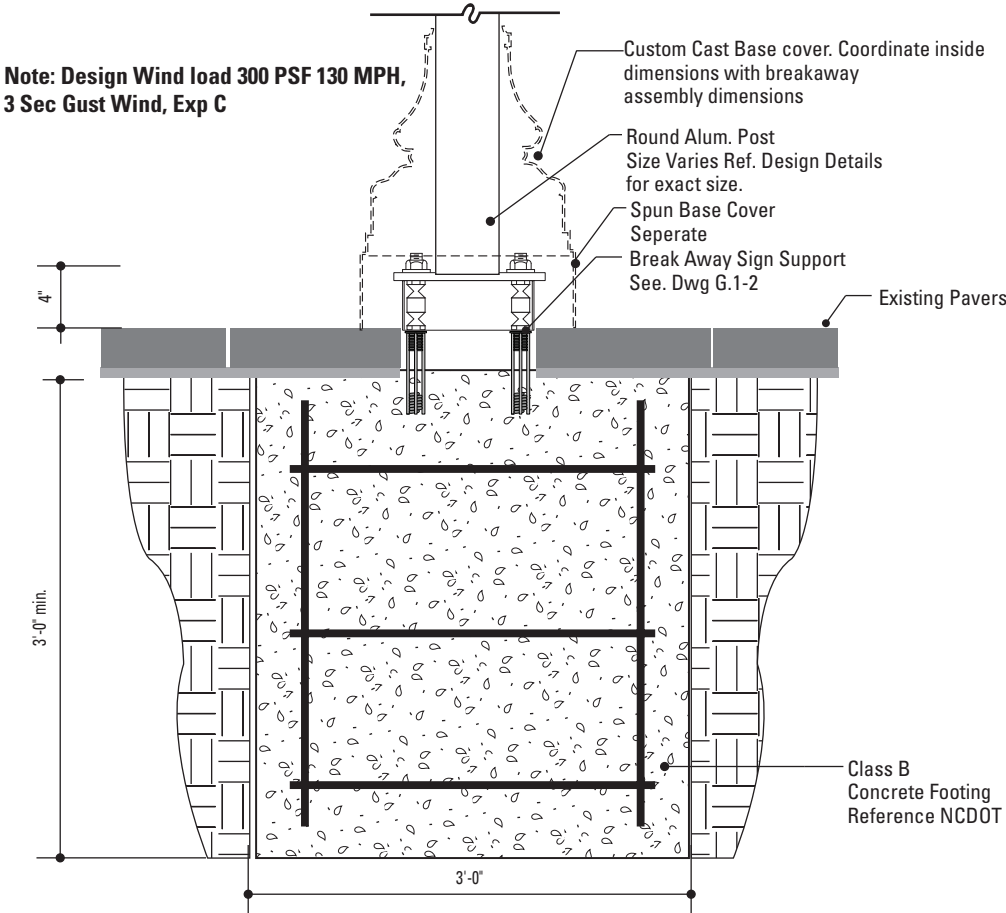
1 Section View: Foundation @ Concrete  
SCALE: 3/4" = 1'-0"

Note: Design Wind load 300 PSF 130 MPH,  
3 Sec Gust Wind, Exp C



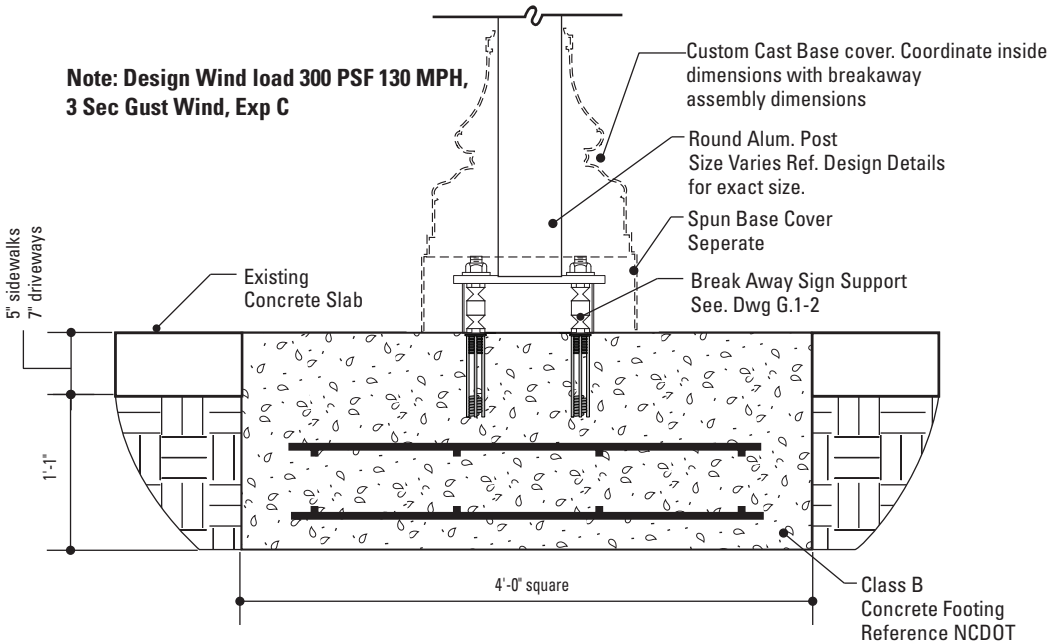
3 Section View: Foundation: Shallow Depth  
SCALE: 3/4" = 1'-0"

Note: Design Wind load 300 PSF 130 MPH,  
3 Sec Gust Wind, Exp C



2 Section View: Foundation @ Pavers  
SCALE: 3/4" = 1'-0"

Note: Design Wind load 300 PSF 130 MPH,  
3 Sec Gust Wind, Exp C



4 Section View: Foundation: Extremely Shallow Depth  
SCALE: 3/4" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

## SPECIFICATIONS

The Contractor shall be familiar with all site conditions and shall be responsible for all underground utility checks.

The Contractor shall be familiar with all basement/vault locations by obtaining plans from the City of Greenville Department of Public Works.

Where a basement/vault interferes with a proposed location. The sign shall be relocated to a location deemed appropriate by the City of Greenville Department of Public Works

Where relocation is not an option the Contractor will develop the appropriate mounting solution. The solution shall meet all engineering criteria as established by the standard footings. (i.e. windloads)

**FINAL DESIGNS AND SHOP DRAWINGS SHALL BE SUPPLIED BY THE CONTRACTOR FOR EACH OF THE BREAK-AWAY POLES IDENTIFIED AND A NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER IS REQUIRED TO SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.**

**NOTE:**  
1) **SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).**

2) **CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI**

3) **FOLLOW 2008 NCDOT DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS**

4) **FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS, CONTRACTOR TO VERIFY APPROPRIATE STRUCTURAL POST SIZE REQUIREMENTS.**

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

## NOTES

1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
2. Welds: All welds shall be ground smooth, paint all seams.
3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

## ENVIRONMENTS & EXPERIENCES

**merje**

120 North Church Street  
Suite 208  
West Chester, PA 19380  
T 484.266.0648  
[www.merjedesign.com](http://www.merjedesign.com)

## CLIENT / PROJECT

**City of Greenville, NC**  
**City of Greenville, NC**  
**Wayfinding and Signage**

PROJECT NO. Y41-07963

## SUBCONSULTANT

DATE 6/30/2009 DRAWN BY: KB/GS

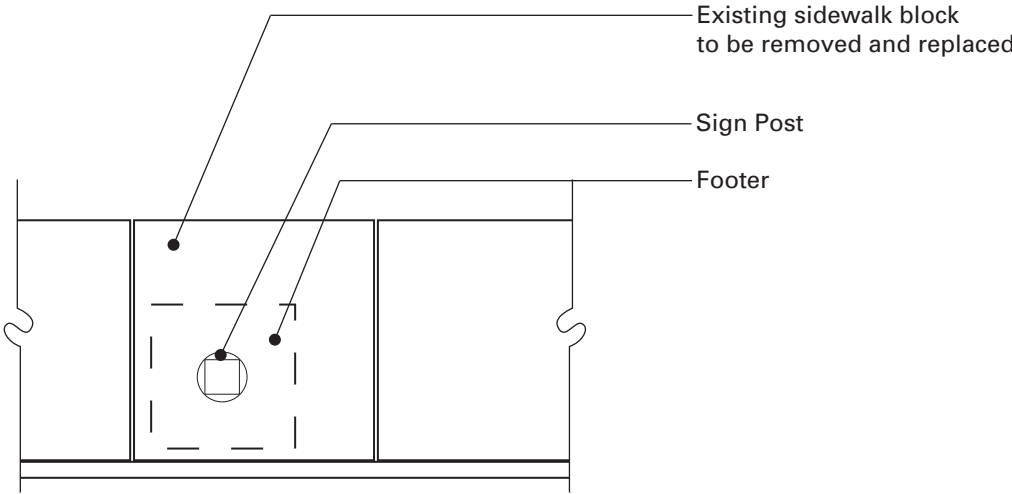
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REVISIONS  
05/22/2010  
08/06/2010  
09/01/2010  
01/31/2011

SHEET TITLE  
**Breakaway Footer Details**

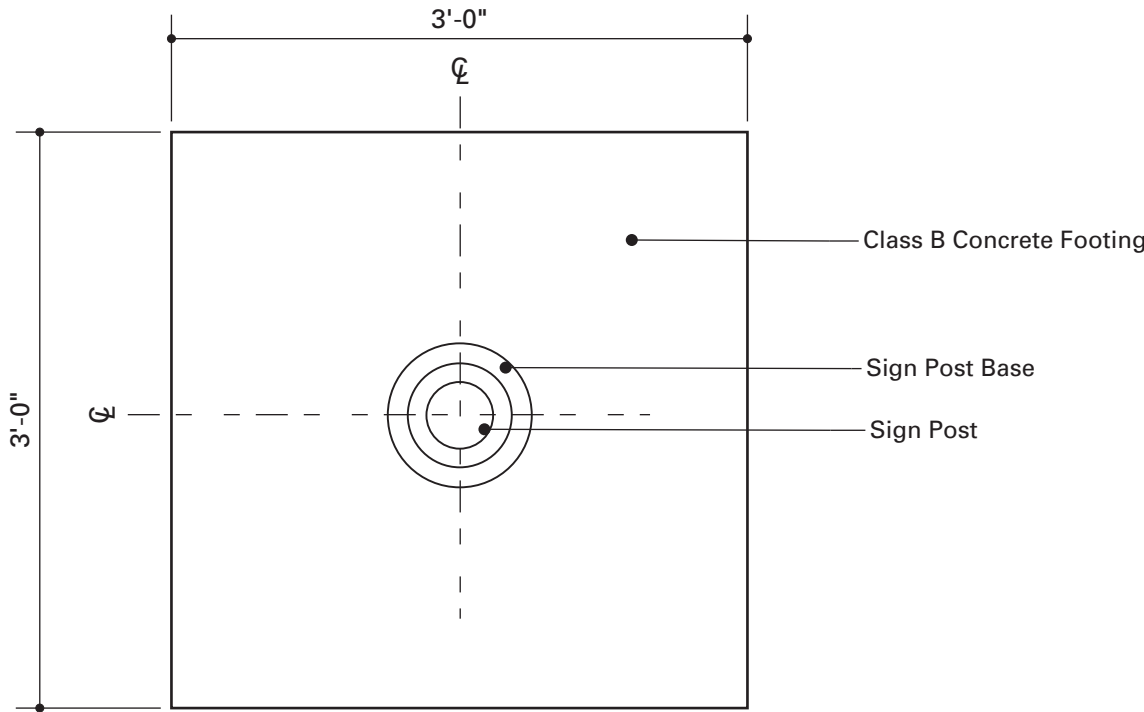
SHEET NO.

**G.2**



NOTE: When locating a footer within a single pavement block (max. 5'-0" x 5'-0"), adjacent to at least 2 expansion joints, the entire block of pavement shall be removed and replaced with the same materials and finish of adjacent sidewalk areas.

1 Plan: Footer Placement  
SCALE: NTS



2 Plan View: Footer  
SCALE: 1" = 1' - 0"

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**NOTE:**  
**1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).**

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**4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS, CONTRACTOR TO VERIFY APPROPRIATE STRUCTURAL POST SIZE REQUIREMENTS.**

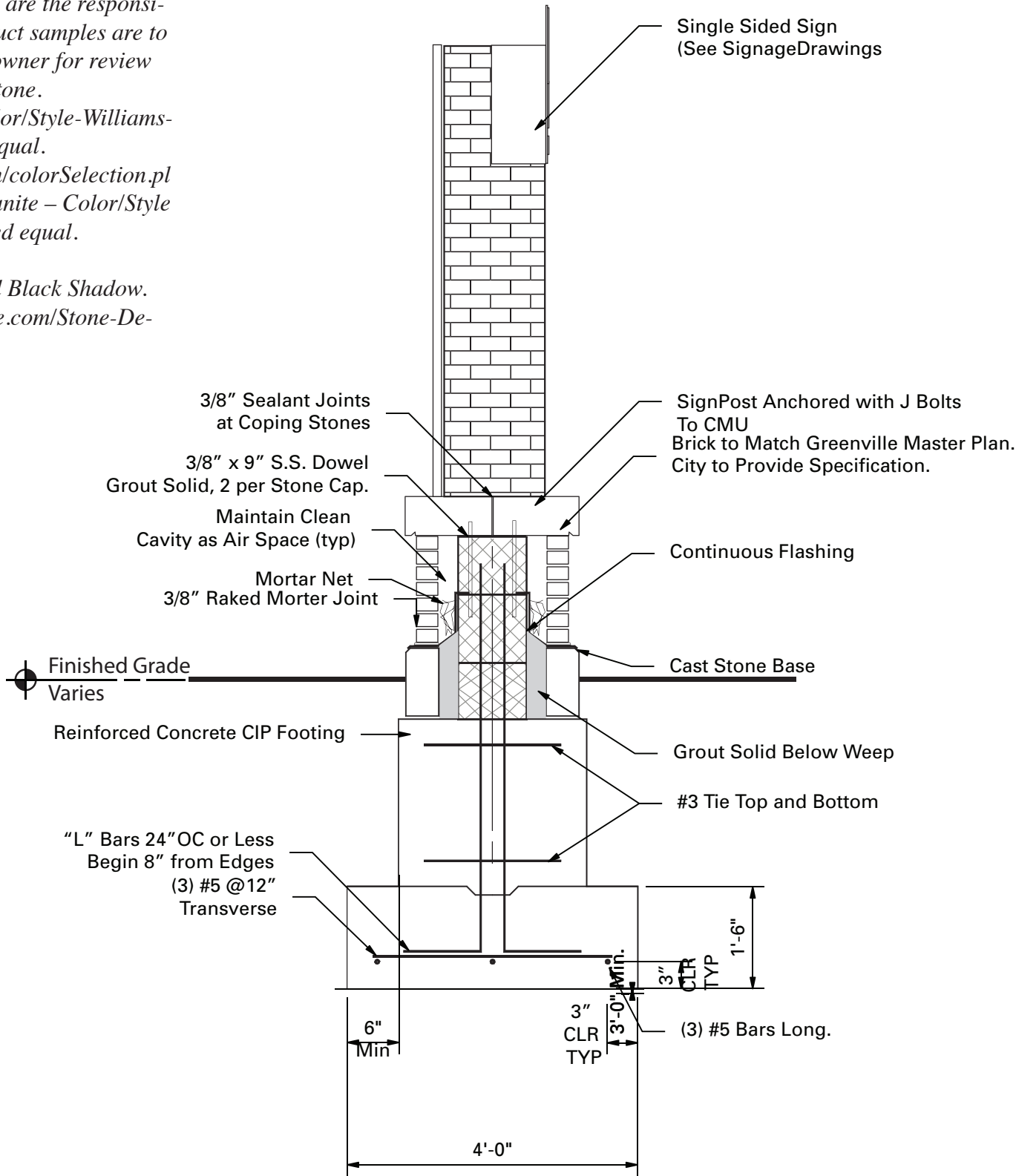
**DESIGN NOTE:**  
*Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.*

- NOTES**
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  3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
merJe		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a>		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor. Product samples are to be provided to the designer/owner for review including sample of etched stone.  
Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.  
<http://www.brick.com/cgi-bin/colorSelection.pl>  
Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.  
Finish: Diamond Ground  
Graphic Sandblast Engraved Black Shadow.  
<http://www.coldspringgranite.com/Stone-Detail/Kashmir-White.aspx>



1 Footer Section: DIST\_GATE.1A-C-Footer  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Welsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS

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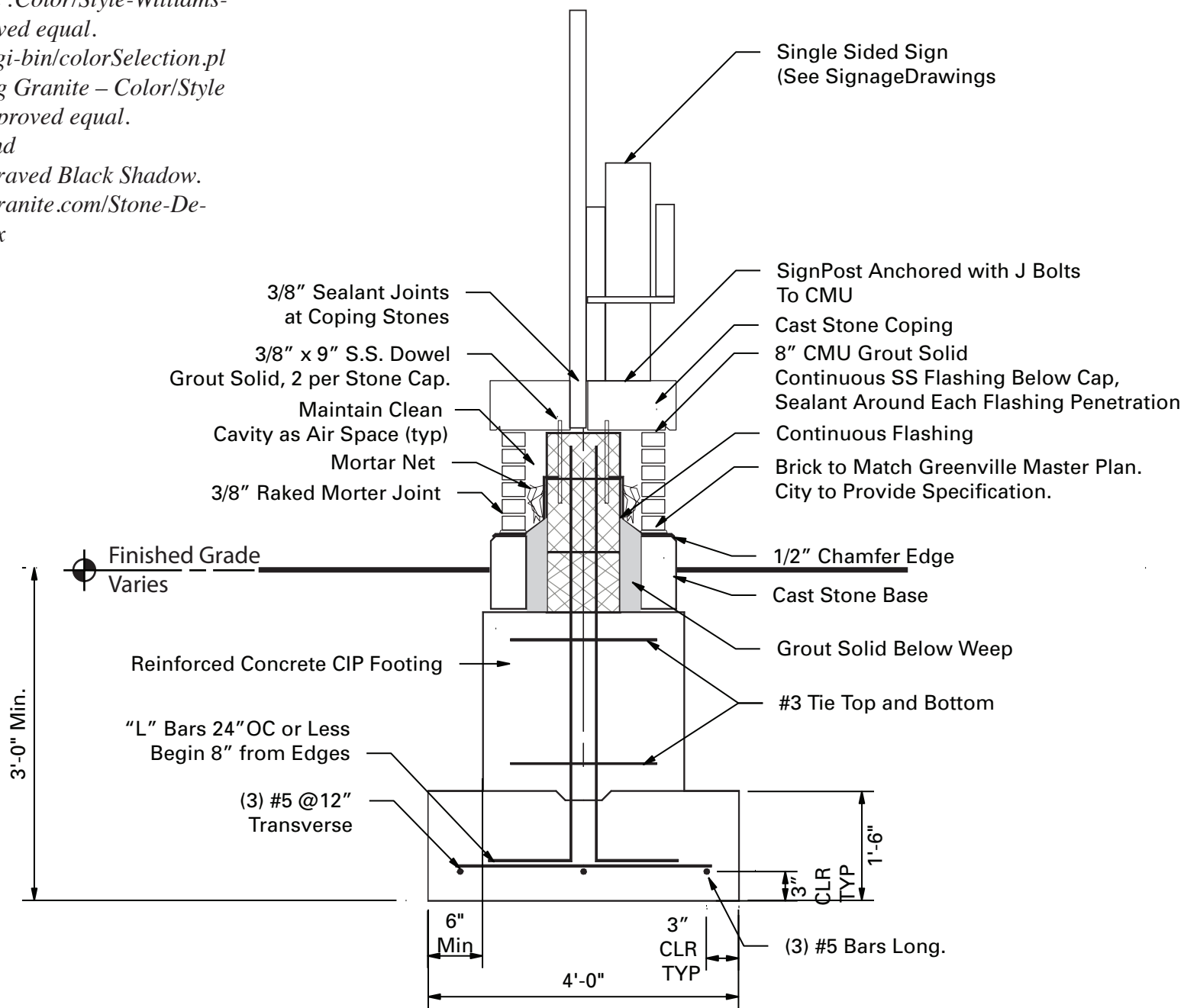
ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
<div><div>merJe</div><div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div></div>		<b>City of Greenville, NC</b> <b>City of Greenville, NC</b> <b>Wayfinding and Signage</b>	
		PROJECT NO.	Y41-07963
SUBCONSULTANT		SHEET TITLE	
DATE	6/30/2009	DRAWN BY:	KB/GS
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		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	
		<b>G.4</b>	



Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor. Product samples are to be provided to the designer/owner for review including sample of etched stone.

Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.  
<http://www.brick.com/cgi-bin/colorSelection.pl>

Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.  
Finish: Diamond Ground  
Graphic Sandblast Engraved Black Shadow.  
<http://www.coldspringgranite.com/Stone-Detail/Kashmir-White.aspx>




**1** Partial Section: GATE.1-Footer  
SCALE: 1/2" = 1'-0"

**Gary K. Munkelt & Associates**  
Structural Consulting Engineers  
1180 Walsh Rd, Suite 190  
North Wales, PA 19454  
Phone 215-855-8713 Fax 215-855-8714

SPECIFICATIONS

**DESIGN NOTE:**  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

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ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
 <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div>		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
		PROJECT NO. Y41-07963	
SUBCONSULTANT		SHEET TITLE	
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		REVISIONS	
		05/22/2010	
		08/06/2010	
		09/01/2010	
		01/31/2011	
		SHEET NO.	
		G.5	

Examples shown are strictly for design intent - color and look. All structural details, product type and construction details are the responsibility of the contractor.

Product samples are to be provided to the designer/owner for review including sample of etched stone.

Brick: Mnf.-Acme Brick :Color/Style-Williamsburg Heritage or approved equal.

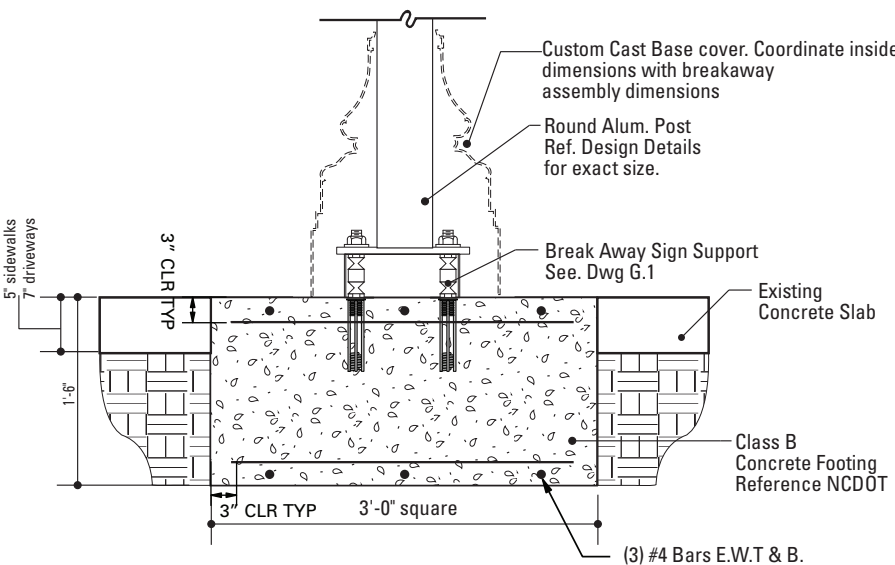
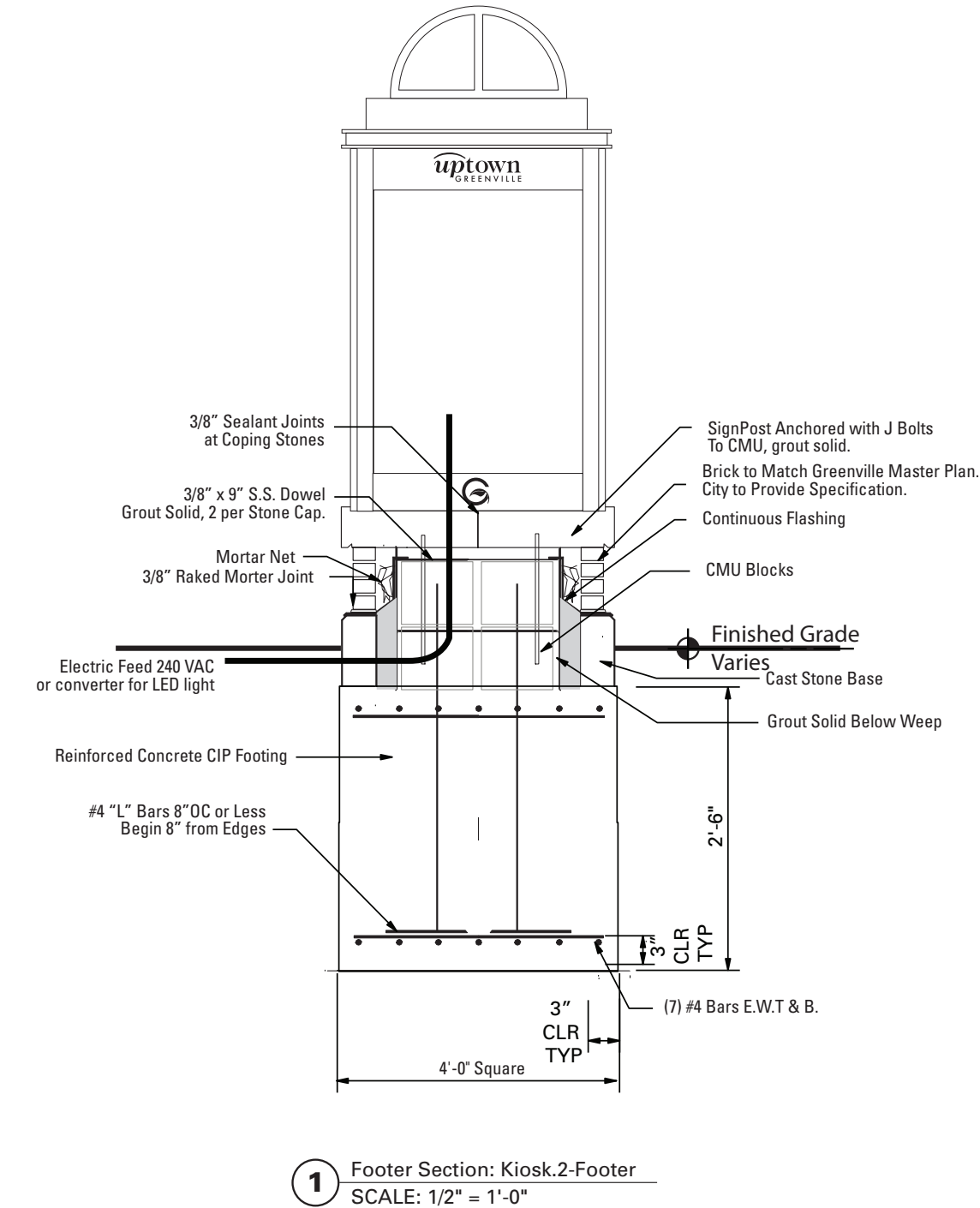
<http://www.brick.com/cgi-bin/colorSelection.pl>

Stone: Mnf.-Cold Spring Granite – Color/Style -Champaign Mist or approved equal.

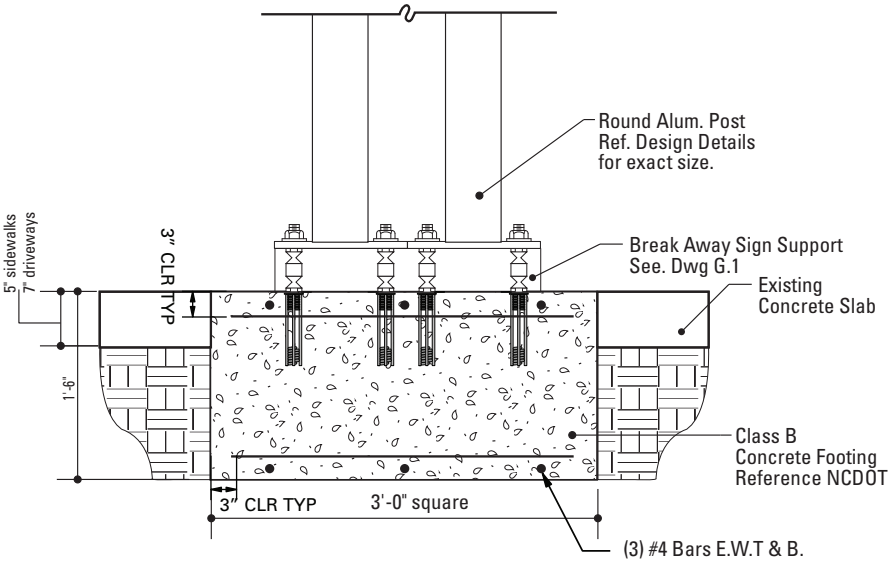
Finish: Diamond Ground

Graphic Sandblast Engraved Black Shadow.

<http://www.coldspringgranite.com/Stone-Detail/Kashmir-White.aspx>



2 Footer Section: Kiosk.1  
SCALE: 3/4" = 1'-0"



3 Footer Section: Kiosk.1B  
SCALE: 3/4" = 1'-0"

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SPECIFICATIONS

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The Contractor shall be familiar with all basement/vault locations by obtaining plans from the City of Greenville Department of Public Works.

Where a basement/vault interferes with a proposed location. The sign shall be relocated to a location deemed appropriate by the City of Greenville Department of Public Works

Where relocation is not an option the Contractor will develop the appropriate mounting solution. The solution shall meet all engineering criteria as established by the standard footings. (i.e. windloads)

FINAL DESIGNS AND SHOP DRAWINGS SHALL BE SUPPLIED BY THE CONTRACTOR FOR EACH OF THE BREAK-AWAY POLES IDENTIFIED AND A NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER IS REQUIRED TO SIGN AND SEAL THE SUBMITTAL OF SHOP DRAWINGS.

NOTE:  
1) SOIL IS AVERAGE WITH MAXIMUM ALLOWABLE SOIL PRESSURE OF 3,000 POUNDS PER SQUARE FOOT. SOIL UNIT WEIGHT OF 125 PCF AND FRICTION ANGLE OF 30 DEGREES (ASSUMED).

2) CONCRETE STRENGTH AT 28 DAYS F'C=4,000 PSI REINFORCEMENT SHALL BE ASTM 36 FY=60,000 PSI

3) FOLLOW 2008 NCDOT DESIGN STANDARDS FOR MATERIAL AND CONSTRUCTION INFORMATION FOR THE SIGN POST BASES AND FOUNDATIONS NOT OTHERWISE SPECIFIED IN THESE CONTRACT DRAWINGS

4) FOR SIGN POST SIZES REFER TO THE DESIGN INTENT DRAWING SHEETS, CONTRACTOR TO VERIFY APPROPRIATE STRUCTURAL POST SIZE REQUIREMENTS.

DESIGN NOTE:  
Final design and shop drawings shall be supplied by the fabricator. North Carolina registered professional engineer is required to sign and seal the submittal of shop drawings.

- NOTES
1. Fabricator shall verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator shall obtain approval from the Designer or Client for placement prior to fabrication.
  2. Welds: All welds shall be ground smooth, paint all seams.
  3. Hardware: All fasteners shall be concealed. If exposed, hardware shall be tamper proof fasteners, corrosion resistant, and color matching adjacent surfaces.
  4. All painted sign surfaces to receive UV/Anti-Graffiti spray coating. All sign surfaces with reflective graphics to receive 3M approved UV/Anti-Graffiti overlaminate.

ENVIRONMENTS & EXPERIENCES		CLIENT / PROJECT	
<div>merje</div> <div>120 North Church Street Suite 208 West Chester, PA 19380 T 484.266.0648 <a href="http://www.merjedesign.com">www.merjedesign.com</a></div>		City of Greenville, NC City of Greenville, NC Wayfinding and Signage	
SUBCONSULTANT		PROJECT NO.	Y41-07963
DATE	6/30/2009	DRAWN BY:	KB/GS
These drawings are meant for DESIGN INTENT ONLY and are not for construction. Contractor shall verify and be responsible for all dimensions and conditions of the job. Contractor shall be familiar with the site and conditions it presents. This office must be notified of any variations from the dimensions and conditions shown on this drawing. Shop drawings and details must be submitted to this office for approval prior to proceeding with fabrication. All copy shall be proofread by client and legal requirements checked by legal department.		SHEET TITLE	
		SHEET NO.	G.6



# City of Greenville

Signage and Identity System

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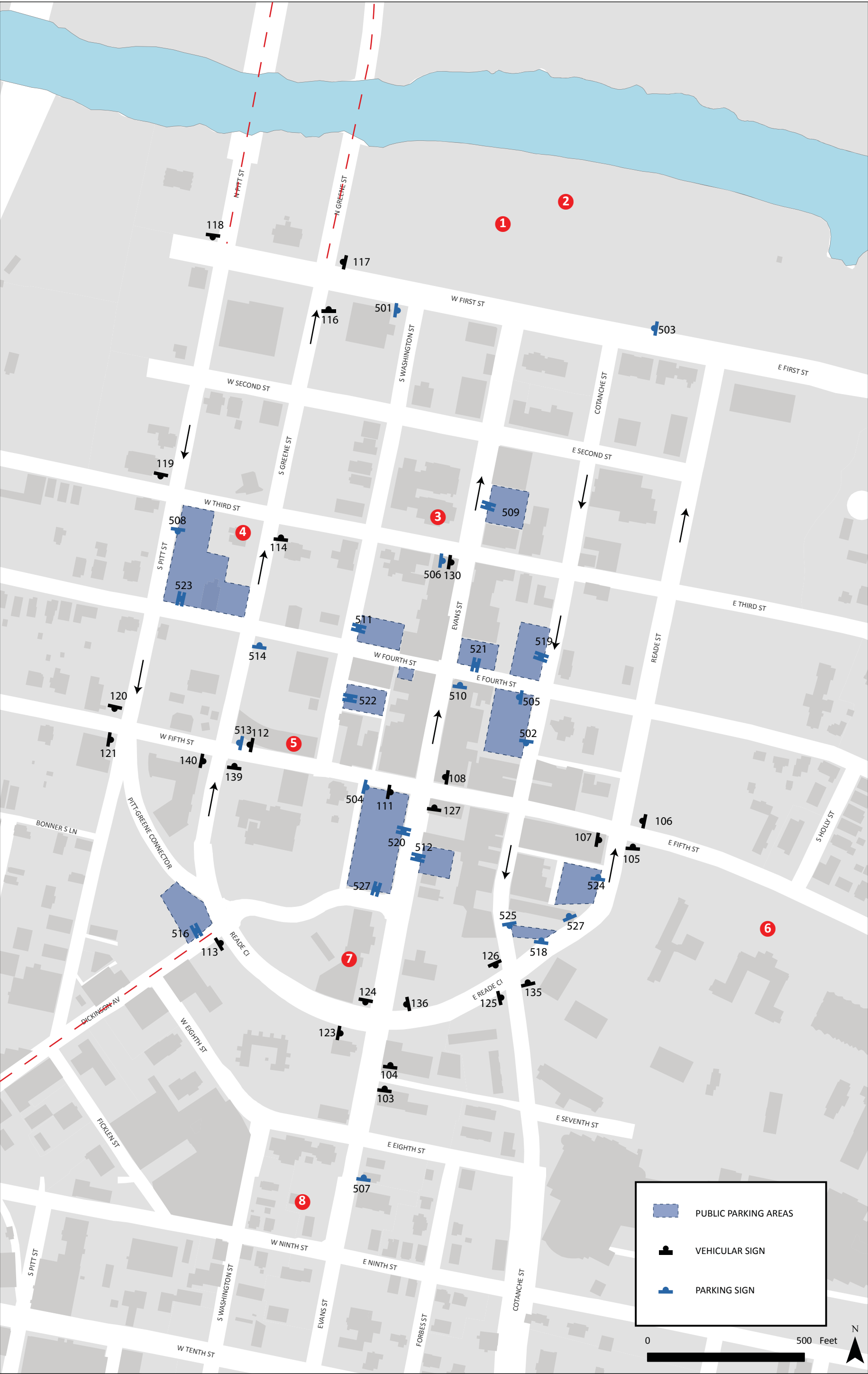
Sign Location Program, Message Schedule, and Removal Plan

January 2011

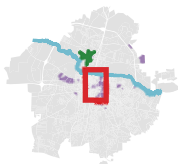
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Removal Plan	34





**GREENVILLE, NC WAYFINDING SIGNING PROJECT**  
**VEHICULAR DIRECTIONAL SIGNING**

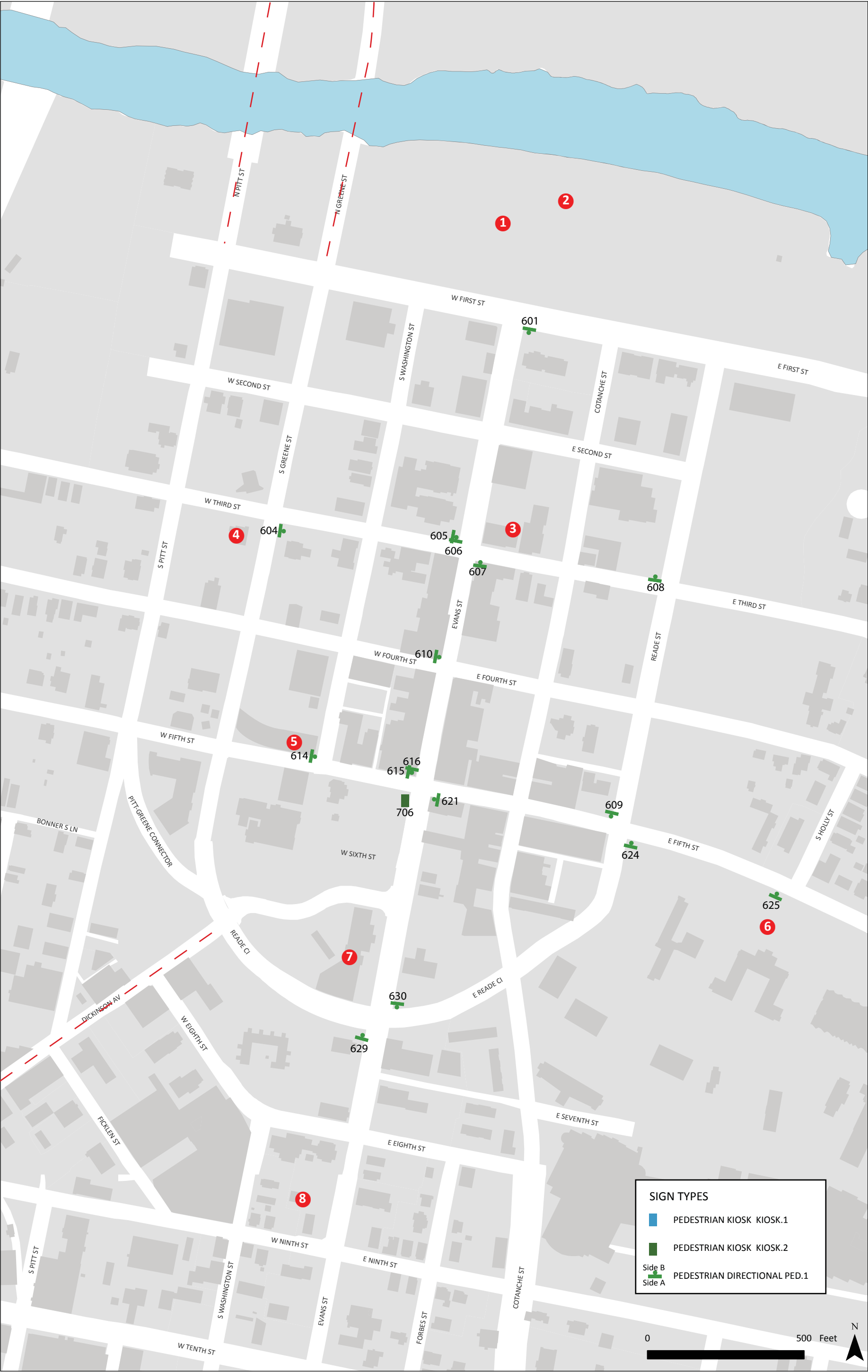


**DESTINATIONS**

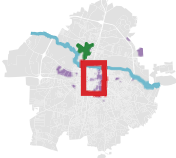
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| 1 TOWN COMMON         | 5 CITY HALL       |
| 2 AMPHITHEATER        | 6 ECU MAIN CAMPUS |
| 3 COURTHOUSES         | 7 LIBRARY         |
| 4 CHAMBER OF COMMERCE | 8 MUSEUM OF ART   |

Date 11.18.2008  
Revisions 01.08.2010





**GREENVILLE, NC WAYFINDING SIGNING PROJECT**  
**PEDESTRIAN DIRECTIONAL SIGNING**



**DESTINATIONS**

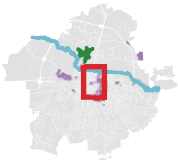
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|-----------------------|-------------------|
| 1 TOWN COMMON         | 5 CITY HALL       |
| 2 AMPHITHEATER        | 6 ECU MAIN CAMPUS |
| 3 COURTHOUSES         | 7 LIBRARY         |
| 4 CHAMBER OF COMMERCE | 8 MUSEUM OF ART   |

Date 11.18.2008  
Revisions 09.21.2009





**GREENVILLE, NC WAYFINDING SIGNING PROJECT**  
**GATEWAYS**

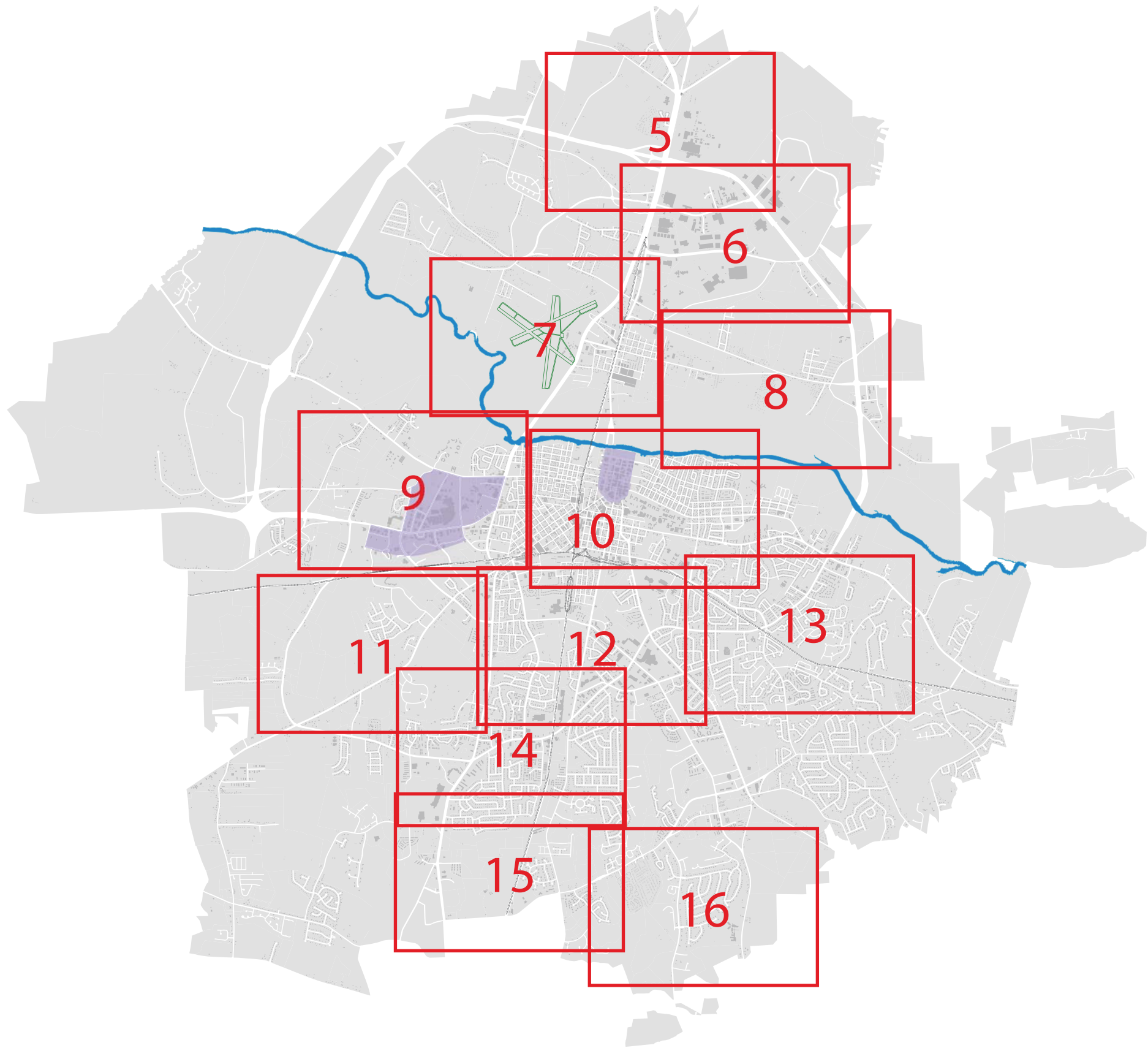


**DESTINATIONS**

- |                       |                   |
|-----------------------|-------------------|
| 1 TOWN COMMON         | 5 CITY HALL       |
| 2 AMPHITHEATER        | 6 ECU MAIN CAMPUS |
| 3 COURTHOUSES         | 7 LIBRARY         |
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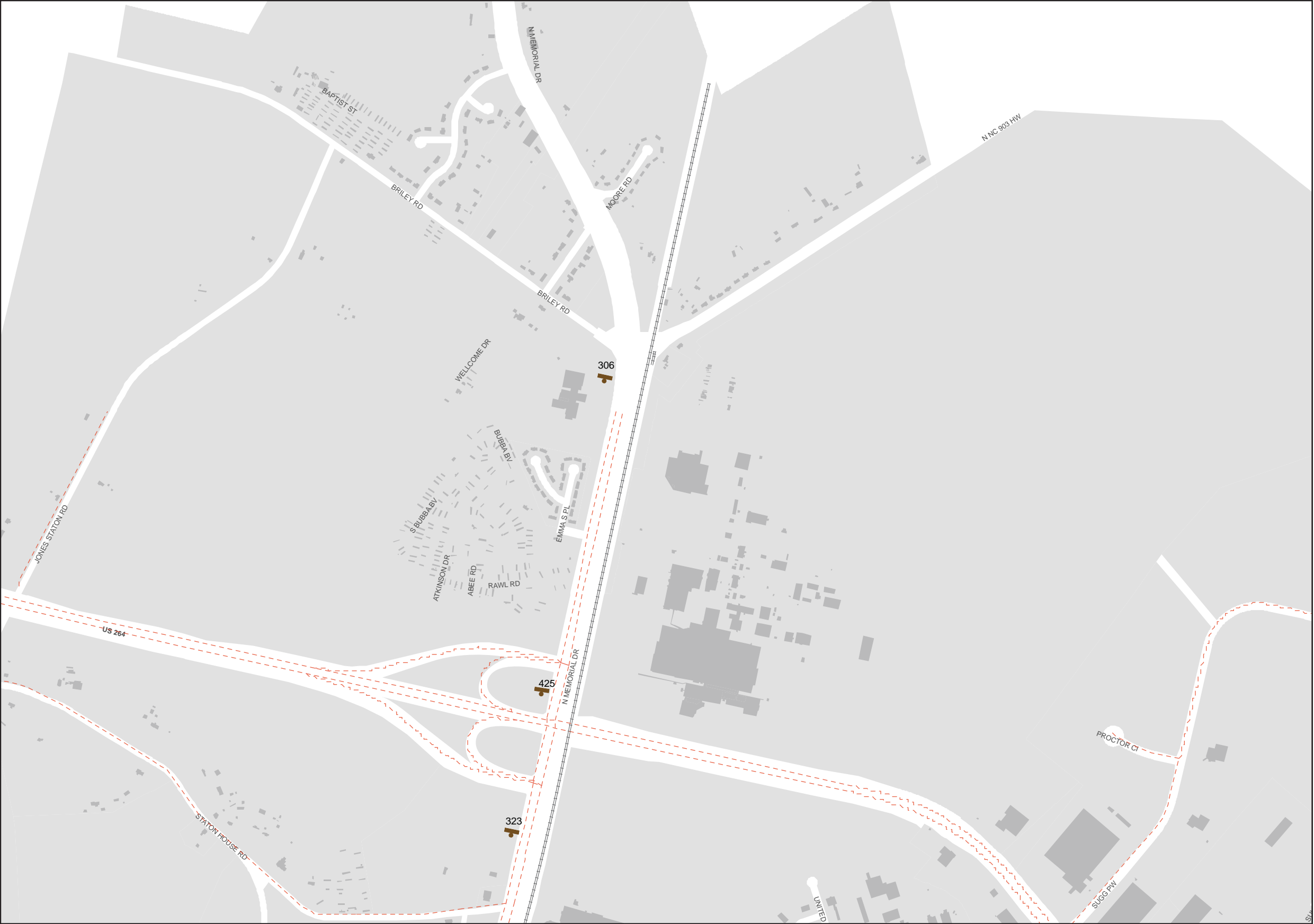
*Date* 11.18.2008  
*Revisions* 01.22.2009





Date	Revisions
5.01.08	





City of Greenville, NC  
Wayfinding Signing Program

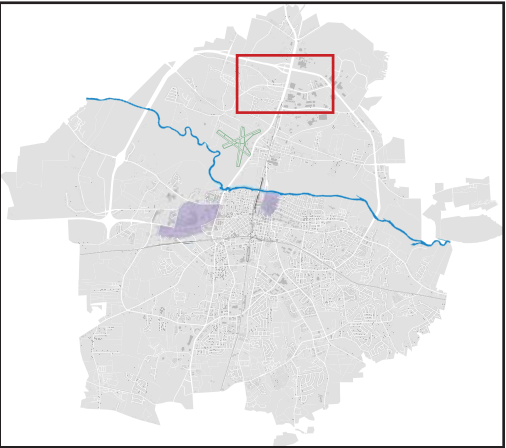
Destinations

1	Town Common	13	Pitt Comm
2	Amphitheatre		College
3	Courthouses	14	Medical District
4	Chamber of		
	Commerce	16	County Admin.
5	City Hall		Office
6	ECU Main Campus	17	Convention
7	Sheppard Mem.		Center
	Library	18	Visitors Center
8	Museum of Art		
9	Uptown District	20	G.W. Carver
10	Airport		Branch Library
11	Hospital	21	East Branch
12	ECU Stadiums		Library
		22	Industrial Parks
		23	Science and
			Nature Center

State-Maintained Road

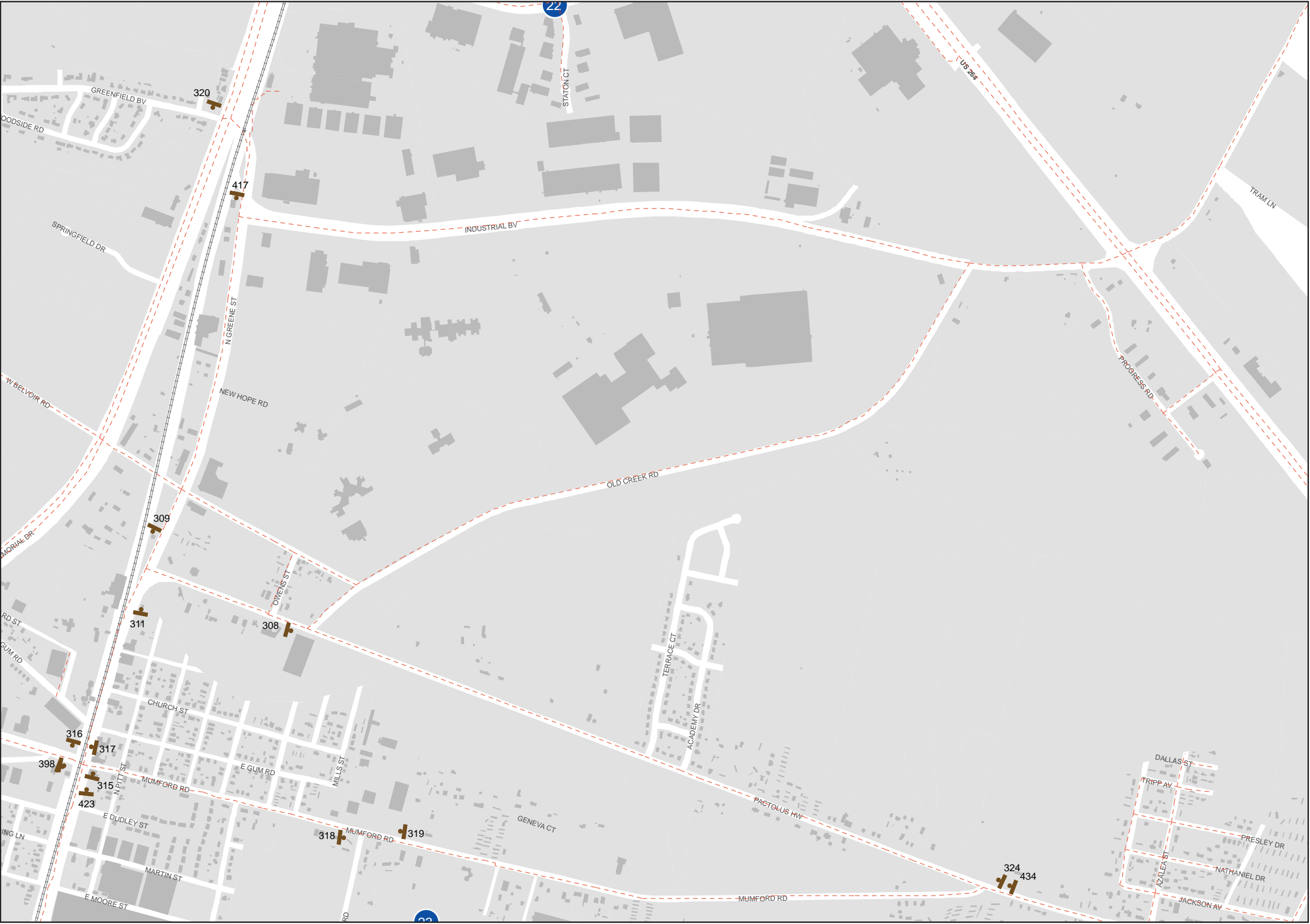
Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10





City of Greenville, NC  
Wayfinding Signing Program

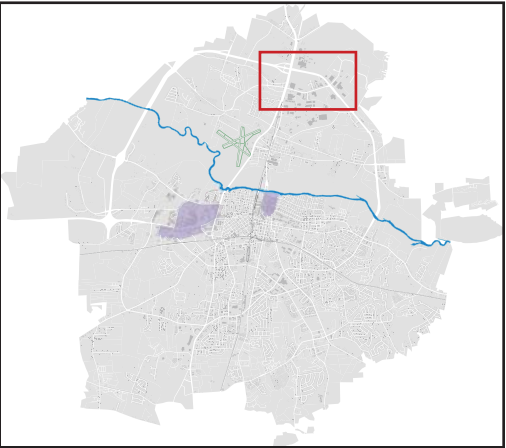
Destinations

1	Town Common	13	Pitt Comm
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		23	Science and
			Nature Center

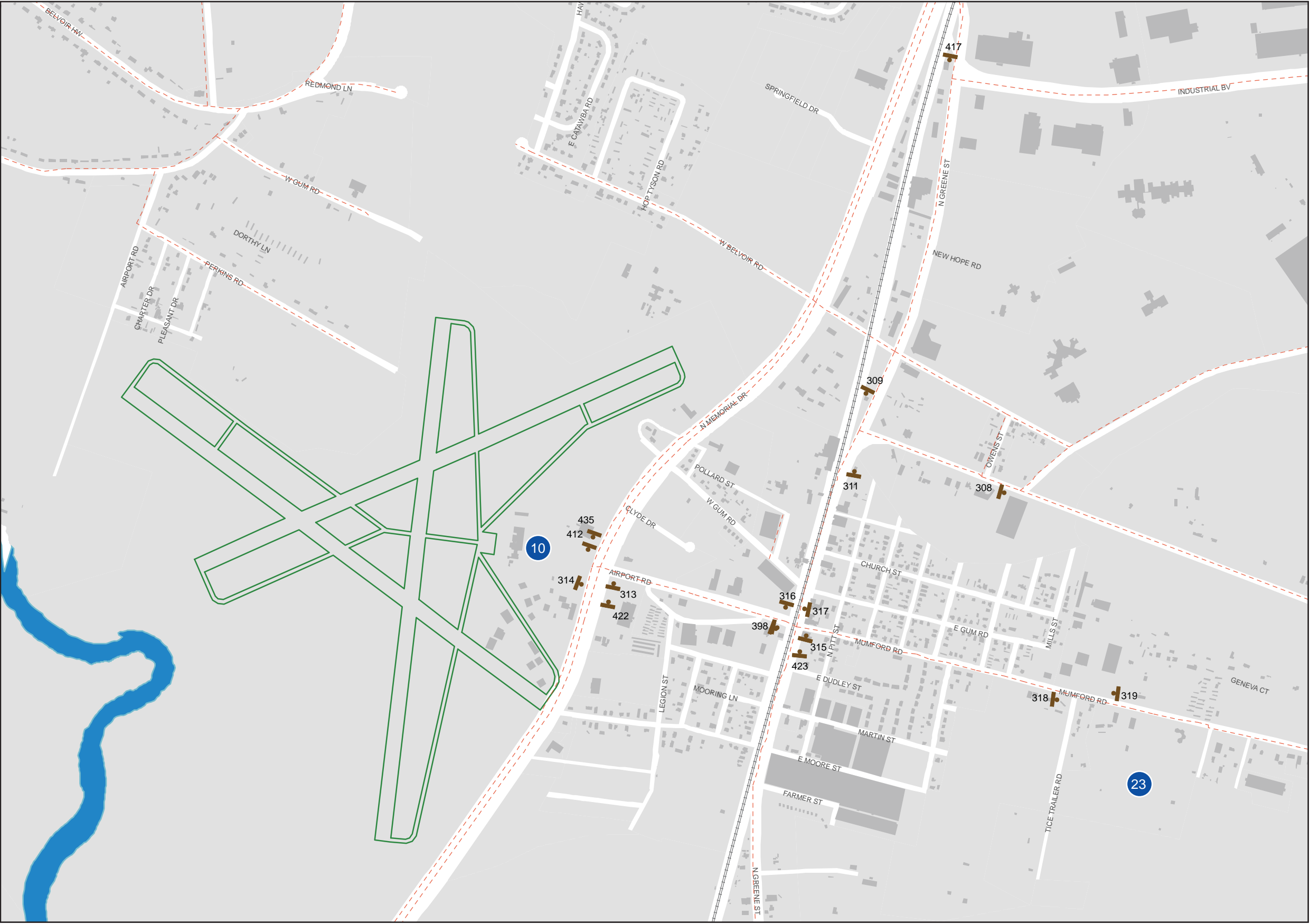
State-Maintained Road

Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10




City of Greenville, NC  
Wayfinding Signing Program

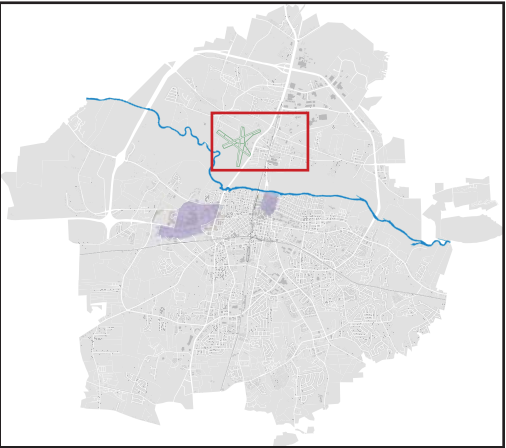
Destinations

1	Town Common	13	Pitt Comm
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			Nature Center

 State-Maintained Road

 Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10



City of Greenville, NC  
Wayfinding Signing Program

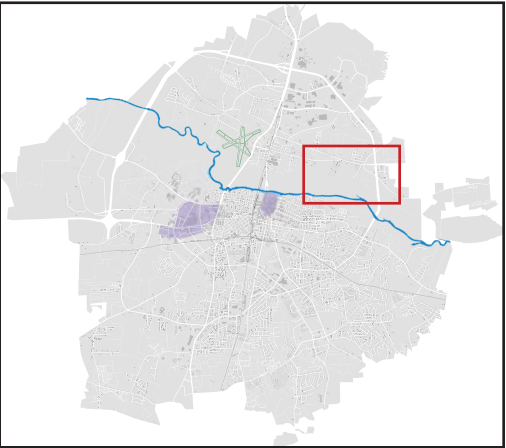
Destinations

1	Town Common	13	Pitt Comm
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State-Maintained Road

Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10



City of Greenville, NC  
Wayfinding Signing Program

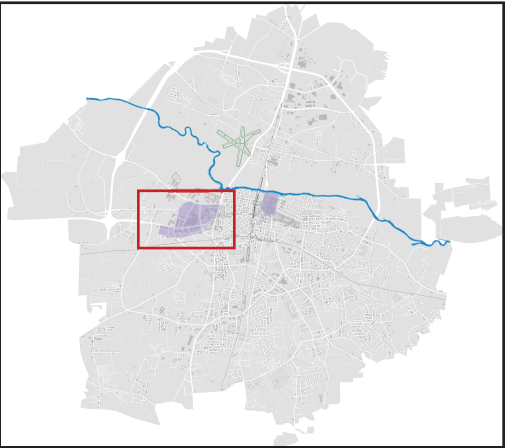
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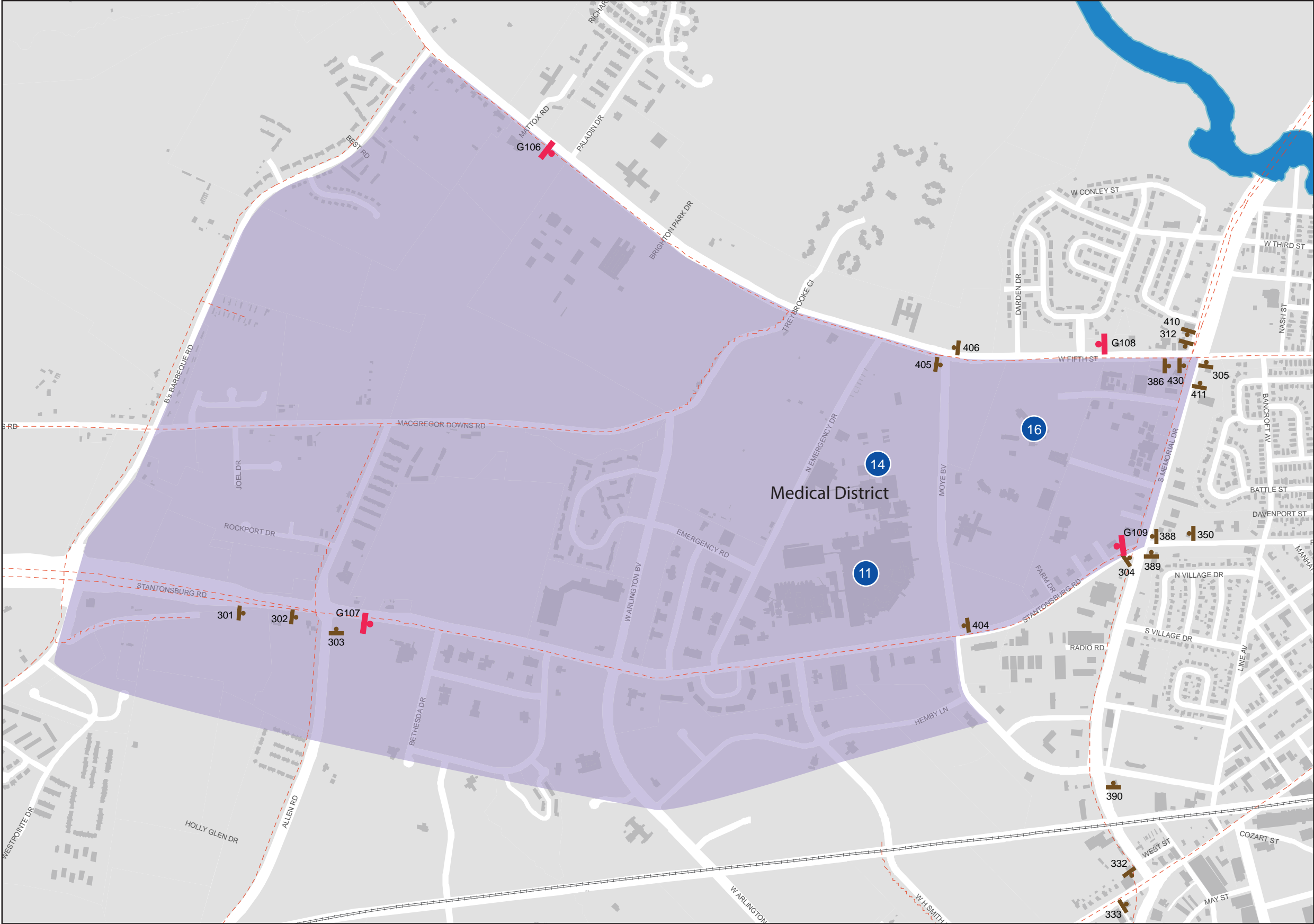
State-Maintained Road

Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10



City of Greenville, NC  
Wayfinding Signing Program

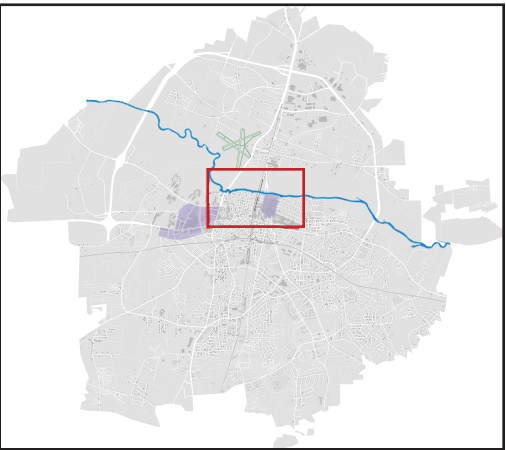
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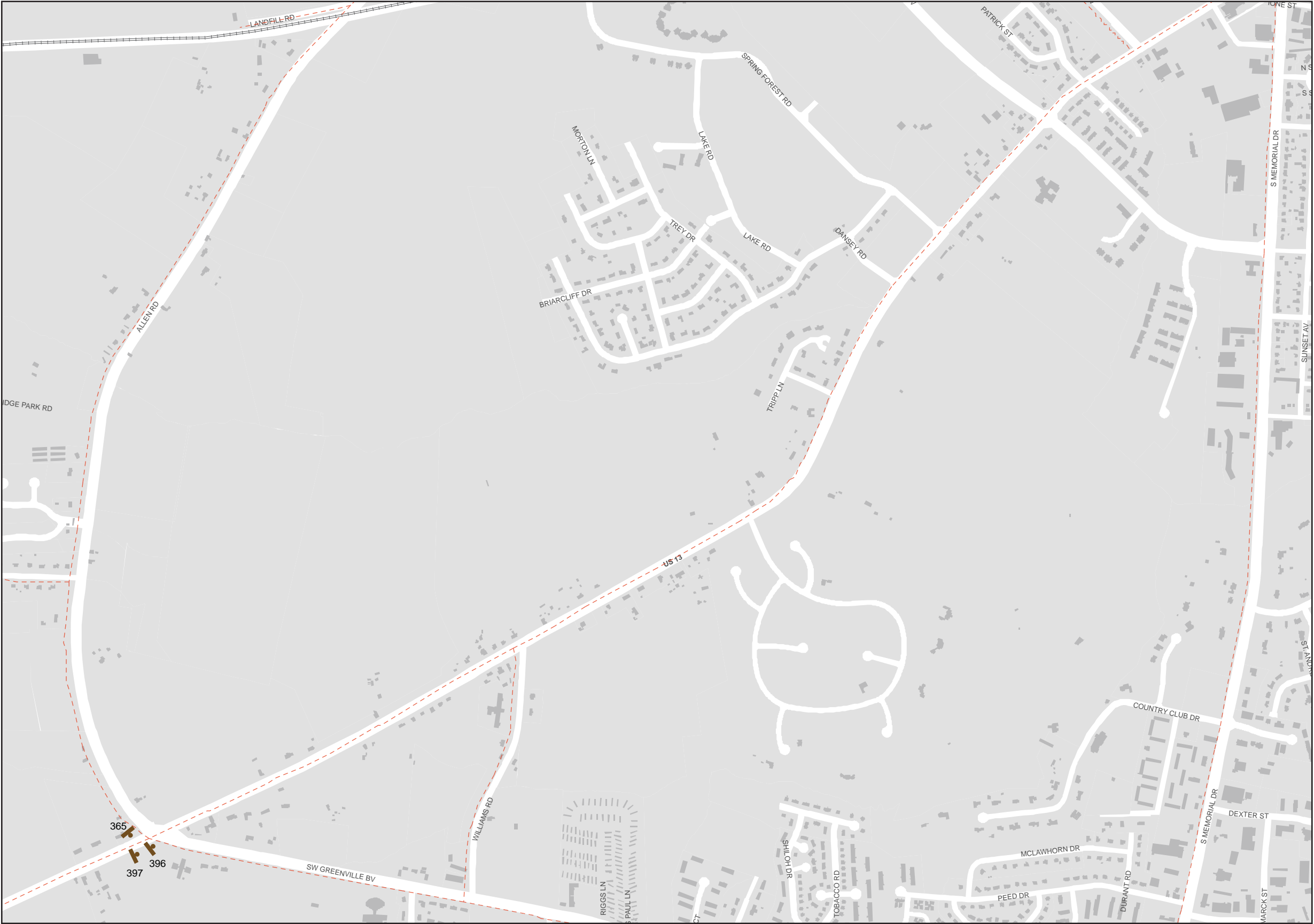
State-Maintained Road

Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10



City of Greenville, NC  
Wayfinding Signing Program

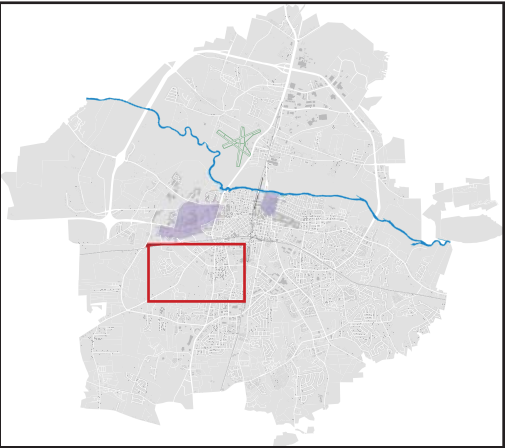
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State-Maintained Road

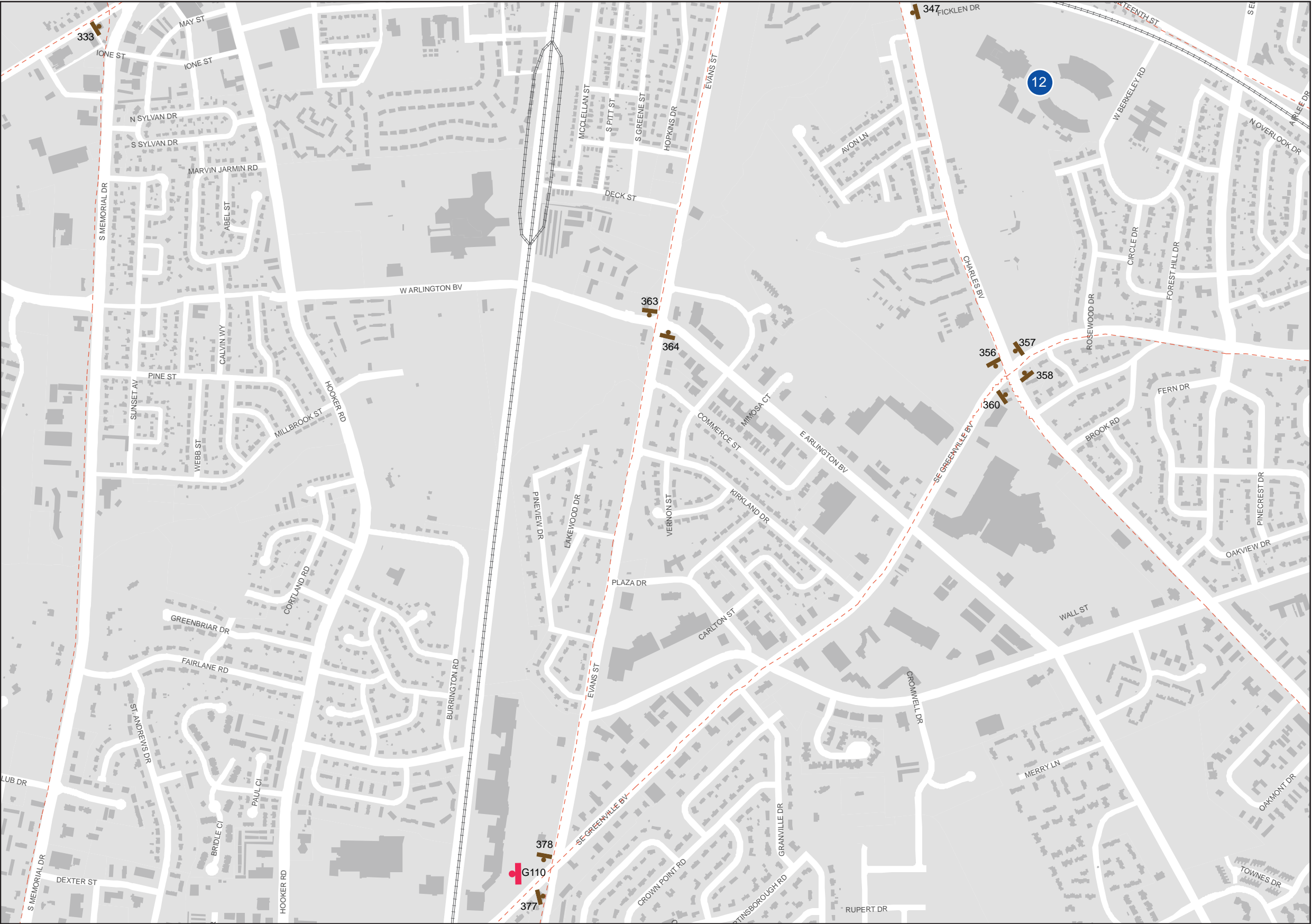
Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10





City of Greenville, NC  
Wayfinding Signing Program

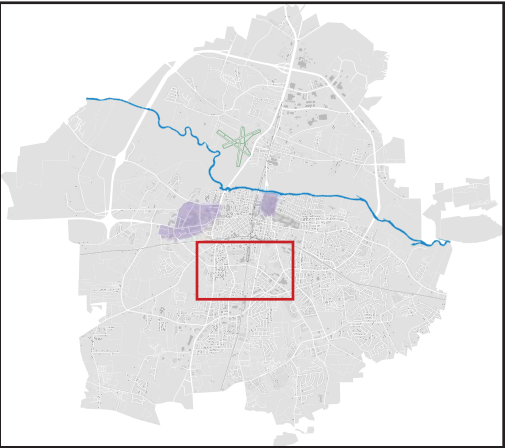
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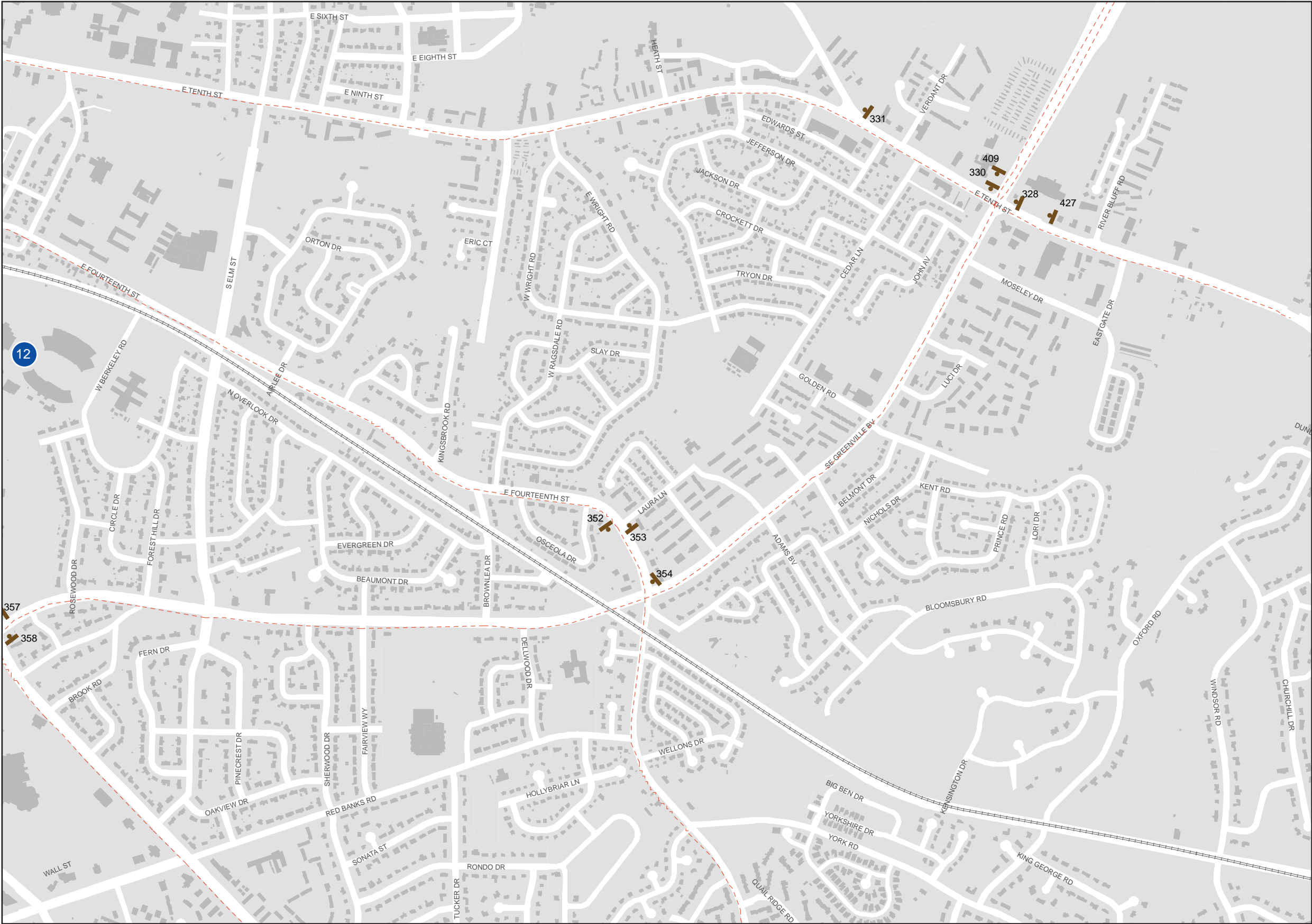
State-Maintained Road

Sign Face

Key Map




Date	Revisions
5.01.08	12.21.09 07.15.10




City of Greenville, NC  
Wayfinding Signing Program

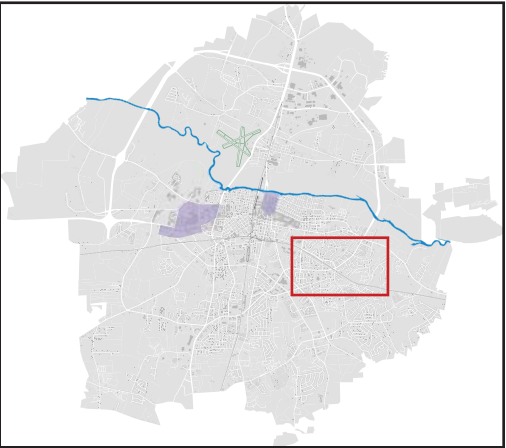
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1	Town Common	13	Pitt Comm
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 State-Maintained Road

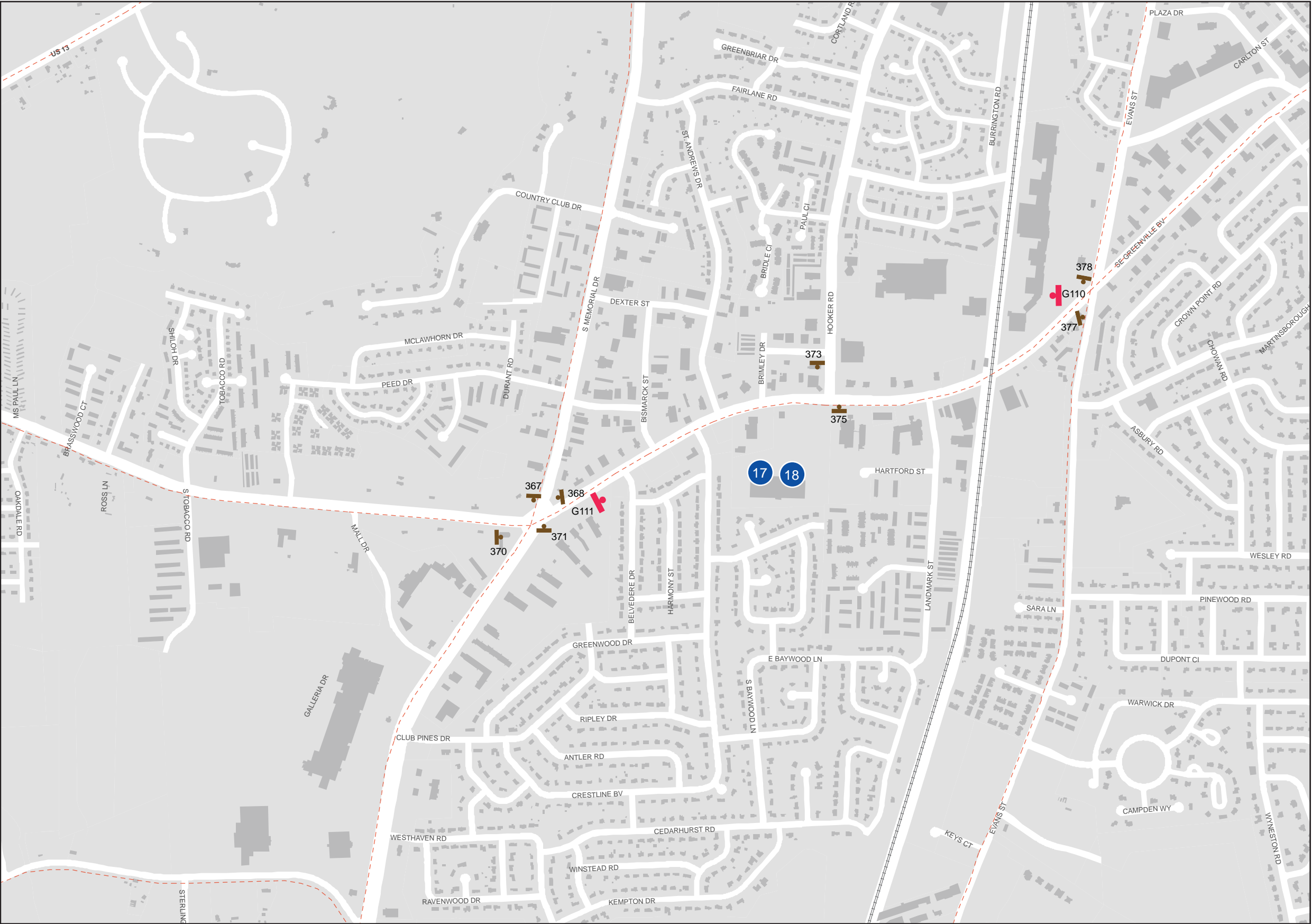
 Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10





City of Greenville, NC  
Wayfinding Signing Program

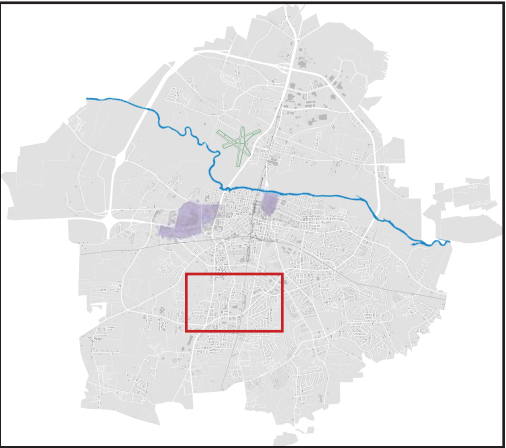
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			Nature Center

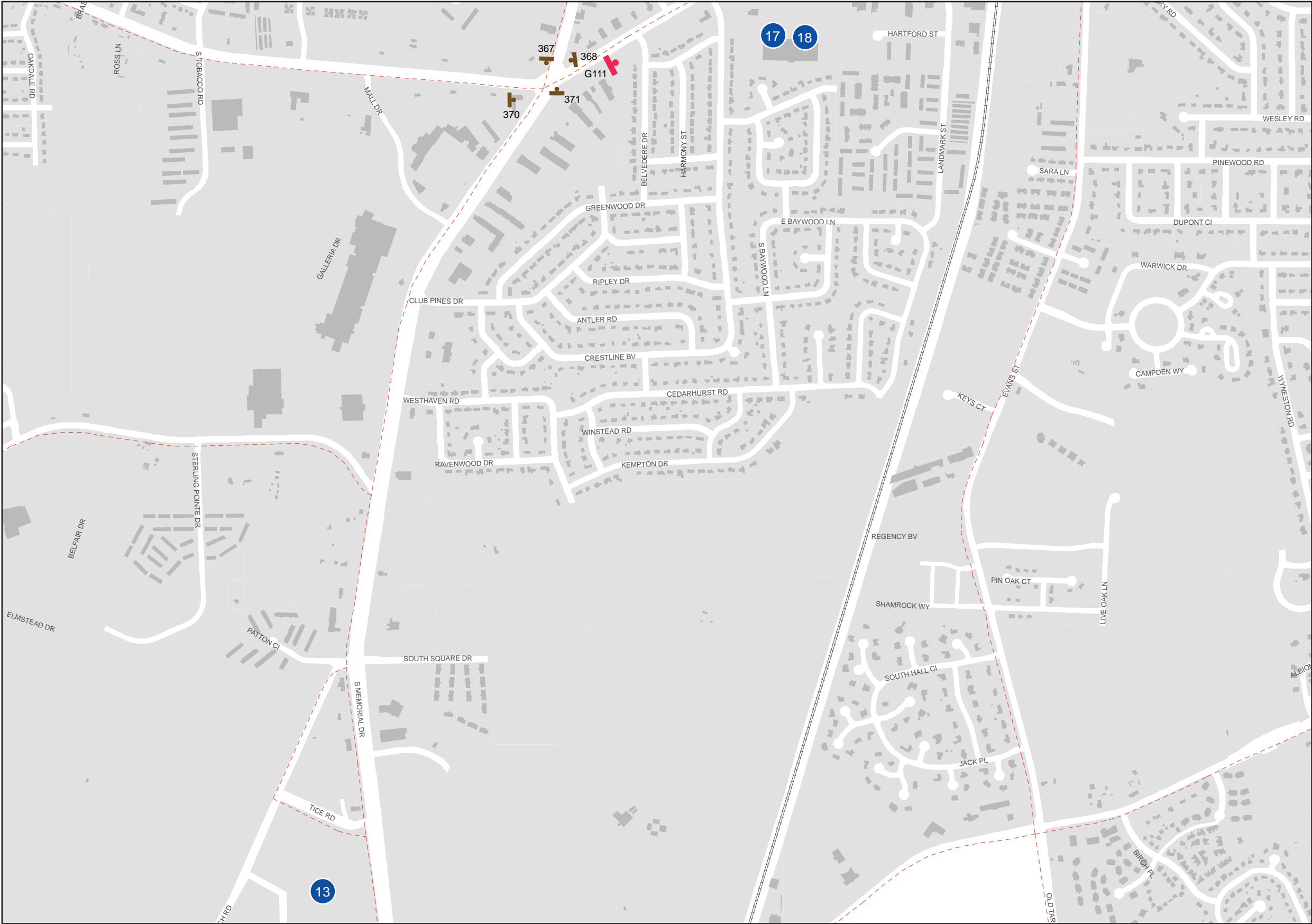
State-Maintained Road

Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09 07.15.10



City of Greenville, NC  
Wayfinding Signing Program

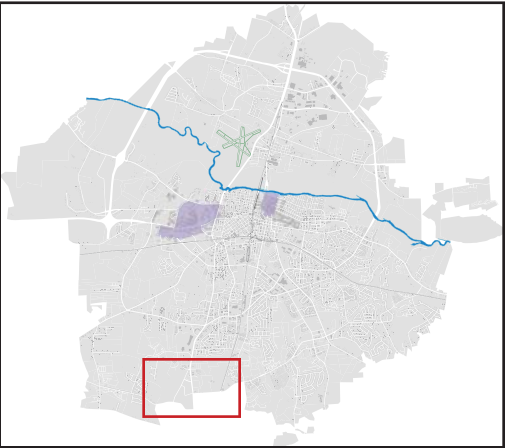
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State-Maintained Road

Sign Face

Key Map

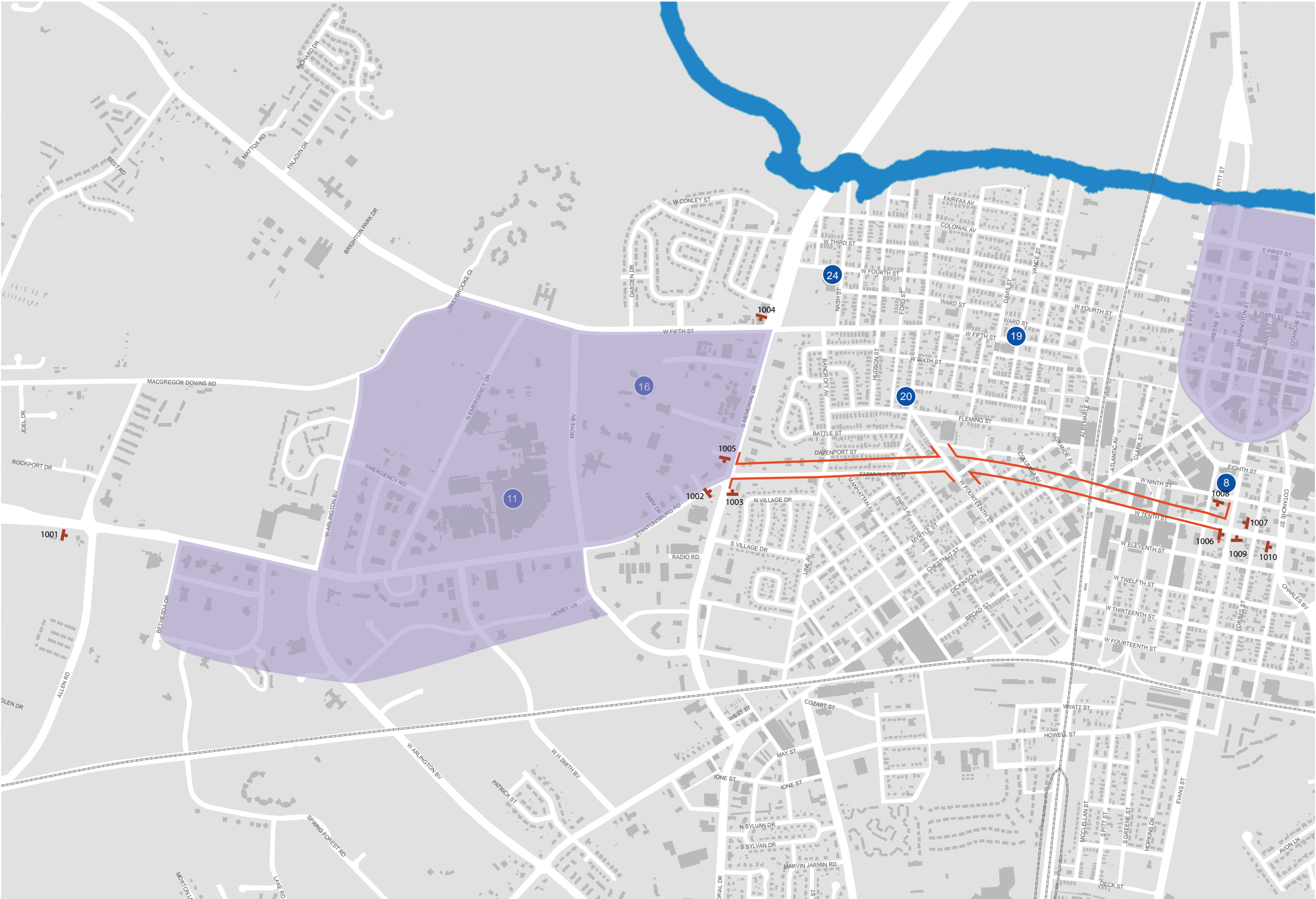


Date	Revisions	
5.01.08	12.21.09	07.15.10

Sign Program - Future 10th St Connector

City of Greenville, NC  
Wayfinding Signing Program

NOTE: This page shows future signage work and is for informational purposes only. These signs are not part of the current bid package.



Date	Revisions
5.01.08	07.15.10



Message Schedule - Uptown

City of Greenville, NC  
Wayfinding Signing Program

NOTE: Signs numbers with  
'REMOVED' listing are not to be  
constructed and are not listed  
in the overall sign counts

Date	Revisions
11.18.08	02.01.10 07.15.10

SIGN DESCRIPTION - REGION						SIGN LOCATION			
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	101		REMOVED						
Uptown	102		REMOVED						
Uptown	103	VDIR.3	← City Hall ← Town Common → ECU Main Campus		NB	Concrete	Evans @ Reade Circle	1	
Uptown	104	VDIR.3	↑ Sheppard Mem Library ↑ Five Points Plaza ↑ Courthouses		NB	Concrete	Evans @ Reade Circle	1	
Uptown	105	VDIR.3	↑ Town Common → ECU Main Campus ← City Hall		NB	Soil	Reade @ E 5th	1	
Uptown	106	VDIR.2	↑ City Hall → Town Common		WB	Concrete	E 5th @ Reade	1	
Uptown	107	VDIR.1	↑ ECU Main Campus		EB	Concrete	E 5th @ Reade	1	
Uptown	108	VDIR.3	↑ City Hall ← Museum of Art → Courthouses		WB	Concrete	E 5th @ Evans	1	
Uptown	109		REMOVED						
Uptown	110		REMOVED						
Uptown	111		ALREADY INSTALLED AS PROTOTYPE		EB		W 5th @ Evans	1	
Uptown	112	SERVICE.1	→ Airport		WB	Concrete	W 5th @ Greene	1	
Uptown	113	VDIR.3	↑ Five Points Plaza ← City Hall → ECU Main Campus		NB	Concrete	Dickinson @ Reade Cir	1	
Uptown	114	VDIR.2	↑ Town Common → Courthouses		NB	Concrete	Greene @ W 3rd	1	
Uptown	115		REMOVED						
Uptown	116	VDIR.2	↑ Airport → Town Common		NB	Concrete	Greene @ E 1st	1	
Uptown	117	SERVICE.1	→ Airport		WB	Concrete	E 1st @ Greene	1	
Uptown	118	VDIR.2	↑ ECU Main Campus ← Town Common		SB	Soil	Pitt @ 1st	1	
Uptown	119	VDIR.3	↑ ECU Main Campus ← Chamber of Commerce ← Courthouses		SB	Soil	Pitt @ 3rd	1	
Uptown	120	VDIR.3	← City Hall ← Five Points Plaza ← ECU Main Campus		SB	Concrete	Pitt @ 5th	1	
Uptown	121	VDIR.3	↑ City Hall ↑ ECU Main Campus → Museum of Art		EB	Soil	5th @ Pitt	1	
Uptown	122		REMOVED						



Message Schedule - Uptown

SIGN DESCRIPTION - REGION						SIGN LOCATION			
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	123	VDIR.3	↑ Town Common ← Courthouses → Museum of Art		EB	Concrete	Reade Cir @ Evans	1	
Uptown	124	VDIR.3	↑ Museum of Art ↑ ECU Stadiums ← ECU Main Campus		SB	Concrete	Evans @ Reade Cir	1	
Uptown	125	VDIR.1	↑ ECU Main Campus		EB	Concrete	Reade Cir @ Cotanche	1	
Uptown	126	VDIR.2	← ECU Main Campus → Sheppard Mem Library		SB	Concrete	Cotanche @ Reade Cir	1	
Uptown	127	VDIR.2	↑ Courthouses ← City Hall		NB	Concrete	Evans @ E 5th	1	
Uptown	128		REMOVED					1	
Uptown	129		REMOVED						
Uptown	130	VDIR.1	← Courthouses		EB	Concrete	E 3rd @ Evans	1	
Uptown	131		REMOVED						
Uptown	132		REMOVED						
Uptown	133		REMOVED						
Uptown	134		REMOVED						
Uptown	135	VDIR.3	← City Hall → Town Common → ECU Main Campus		NB	Soil	Cotanche @ Reade Cir	1	
Uptown	136	VDIR.3	← Museum of Art → Sheppard Mem Library → Courthouses		WB	Concrete	Reade Cir @ Evans	1	
Uptown	137		REMOVED						
Uptown	138		REMOVED						
Uptown	139	VDIR.2	↑ Chamber of Commerce ↑ City Hall Parking		NB	Concrete	Greene @ 5th	1	
Uptown	140	VDIR.2	← Town Common ← Chamber of Commerce		NB	Concrete	5th @ Greene	1	
Citywide	301	VDIR.4	↑ Uptown District ↑ Medical District		EB	Soil	Stantonsburg west of Allen	9	
Citywide	302	VDIR.4	→ ECU → Convention District		EB	Soil	Stantonsburg @ Allen	9	
Citywide	303	VDIR.1B	→ Medical District		NB	Soil	Allen Rd @ Stantonsburg	9	
Uptown	304	VDIR.2B	← Uptown District ← Airport		EB	Soil	Stantonsburg @ S Memorial	9	
Uptown	305	VDIR.2	← County Admin Office → Uptown District		NB	Soil	S Memorial @ W 5th	9	

City of Greenville, NC  
Wayfinding Signing Program

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Date	Revisions
11.18.08	02.01.10 07.15.10

Message Schedule - Uptown

SIGN DESCRIPTION - REGION							SIGN LOCATION		
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Citywide	306	VDIR.4	↑ Industrial Parks		SB	Soil	N Memorial south of Briley Dr	5	
Uptown	307	VDIR.1	→ G.W. Carver Branch Library		EB	Soil	W 5th @ Tyson St	10	
Citywide	308	VDIR.2B	← Detention Center ← County Office Complex		EB	Soil	Pactolus/33 @ Old Creek Rd	7	
Citywide	309	VDIR.2B	← Detention Center ← County Office Complex		SB	Soil	N Greene @ Pactolus/33	7	
Uptown	310	VDIR.2	↖ Uptown District ↖ ECU Main Campus		EB	Soil	W 5th @ Albemarle	10	
Citywide	311	VDIR.2B	↗ Detention Center ↗ County Office Complex		NB	Soil	N Greene @ Pactolus/33	7	
Uptown	312	VDIR.2	↑ ECU Stadiums ← Uptown District		SB	Soil	S Memorial @ W 5th	9	
Citywide	313	VDIR.1B	→ Science and Nature Center		NB	Soil	N Memorial @ Airport	7	
Citywide	314	VDIR.3B	↑ Uptown District ↑ ECU Main Campus → ECU Stadiums		EB	Soil	Airport @ N Memorial	7	
Citywide	315	VDIR.3B	↑ Detention Center ↑ County Office Complex → Science and Nature Center		NB	Soil	N Greene @ Mumford	7	
Uptown	316	VDIR.3B	↑ Uptown District ↑ ECU Main Campus ← Science and Nature Center		SB	Soil	N Greene @ Mumford	7	
Uptown	317	VDIR.3B	↑ Airport ← Uptown District ← ECU Main Campus		WB	Soil	Mumford @ N Greene	7	
Citywide	318	VDIR.1B	→ Science and Nature Center		EB	Soil	Mumford @ Tice Trailer	7	
Citywide	319	VDIR.1B	← Science and Nature Center		WB	Soil	Mumford @ Tice Trailer	7	
Citywide	320	VDIR.3B	↑ ECU Stadiums ← Uptown District ← ECU Main Campus		SB	Soil	N Memorial @ Greenfield	6	
Citywide	321		REMOVED						
Citywide	322		REMOVED						
Uptown	323	VDIR.2B	↑ Uptown District ↑ ECU		SB	Soil	N Memorial south of US 264 access	5	
Citywide	324	VDIR.1B	↖ Science and Nature Center		WB	Soil	Pactolus Hwy @ Mumford	8	
Citywide	325		REMOVED						

City of Greenville, NC  
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Message Schedule - Uptown

SIGN DESCRIPTION - REGION						SIGN LOCATION			
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Citywide	326		REMOVED						
Citywide	327	SERVICE.1	← Airport		NB	Soil	Alt US 264 @ US 264 & Pactolus	8	
Citywide	328	VDIR.3B	↑ Uptown District ← ECU Stadiums ← Convention District		WB	Soil	E 10th @ Greenville Blvd SE	13	
Citywide	329		REMOVED						
Uptown	330	VDIR.2	→ ECU Main Campus → Uptown District		SB	Soil	Greenville Blvd SE @ E 10th	13	
Uptown	331	VDIR.2	↑ ECU Main Campus ↑ Uptown District		WB	Soil	E 10th @ E 5th	13	
Citywide	332	VDIR.1B	↑ ECU Stadiums		SB	Soil	Memorial Dr @ Dickinson	9	
Citywide	333	VDIR.2B	↑ Uptown District ← Medical District		EB	Soil	Dickinson Ave @ Memorial	9	
Citywide	334		REMOVED						
Uptown	335	VDIR.2	→ Uptown District → Museum of Art		WB	Concrete	E 10th @ Evans	10	
Uptown	336	VDIR.3	↑ ECU Main Campus ← Museum of Art ← Uptown District		EB	Soil	E 10th @ Evans	10	
Uptown	337	VDIR.3	↑ Uptown District ↑ Museum of Art → ECU Main Campus		NB	Soil	Evans @ E 10th	10	
Uptown	338	VDIR.2	↑ Convention District ↑ ECU Stadiums ← ECU Main Campus		SB	Soil	Evans @ E 10th	10	
Uptown	339	VDIR.1	↗ G.W. Carver Branch Library		NB	Soil	W 14th @ Farmville	10	
Uptown	340		REMOVED						
Uptown	341	VDIR.2	↑ Convention District ← ECU Stadiums		SB	Soil	Evans @ E 14th	10	
Citywide	342		REMOVED						
Citywide	343	VDIR.3B	↑ ECU Main Campus ↑ Uptown District → ECU Stadiums		NB	Soil	Evans @ E 14th	10	
Uptown	344	VDIR.3	← Uptown District ← Museum of Art → ECU Main Campus		NB	Soil	Charles @ E 10th	10	
Uptown	345	VDIR.2	→ Uptown District → ECU Main Campus		WB	Soil	E 14th @ Charles	10	
Uptown	346		REMOVED						

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Message Schedule - Uptown

SIGN DESCRIPTION - REGION						SIGN LOCATION			
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Citywide	347	VDIR.3B	← Convention District → ECU Main Campus → Uptown District		WB	Soil	Ficklen Dr @ Charles	10	
Citywide	348		REMOVED						
Citywide	349		REMOVED						
Uptown	350	VDIR.1	↑ Medical District		WB	Soil	Stantonsburg @ Memorial	9	
Citywide	351		REMOVED						
Uptown	352	VDIR.1	← East Branch Library		EB	Soil	E 14th @ Laura	13	
Uptown	353	VDIR.1	→ East Branch Library		WB	Soil	E 14th @ Laura	13	
Uptown	354	VDIR.4	↑ Convention District		SB	Soil	Greenville SE @ E 14th	13	
Uptown	355		REMOVED						
Citywide	356	VDIR.1B	→ Convention District		SB	Soil	Charles @ Greenville SE	12	
Citywide	357	VDIR.4	↑ Convention District → ECU Stadiums		WB	Soil	Greenville SE @ Charles	12	
Citywide	358	VDIR.3B	↑ ECU ↑ Uptown District ← Con vention District		NB	Soil	Charles @ Greenville SE	12	
Citywide	359		REMOVED						
Citywide	360	VDIR.4	← ECU Stadiums		EB	Soil	Greenville SE @ Charles	12	
Citywide	361		REMOVED						
Uptown	362		REMOVED						
Citywide	363	VDIR.1B	↑ Convention District		SB	Soil	Evans @ W Arlington	12	
Uptown	364	VDIR.3B	↑ ECU Stadiums ↑ Uptown District ↑ Museum of Art		NB	Soil	Evans @ W Arlington	12	
Citywide	365	VDIR.4	↑ Convention District ↑ ECU		SB	Soil	Greenville SW @ US 13	11	
Citywide	366		REMOVED						
Citywide	367	VDIR.3B	↑ Pitt Comm College ← Convention Center ← ECU Stadiums		SB	Soil	S Memorial @ Greenville SW	14	
Citywide	368	VDIR.4	← Pitt Comm College → Medical District		WB	Soil	Greenville SW @ S Memorial	14	
Citywide	369		REMOVED						
Citywide	370	VDIR.4	↑ Convention District ↑ ECU → Pitt Comm College		EB	Soil	Greenville SW @ S Memorial	14	

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Message Schedule - Uptown

SIGN DESCRIPTION - REGION						SIGN LOCATION			
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Citywide	371	VDIR.3B	↑ Medical District → Convention District → ECU		NB	Soil	S Memorial @ Greenville SW	14	
Citywide	372		REMOVED						
Citywide	373	VDIR.2B	↑ Convention Center ↑ Visitor Center		SB	Soil	Hooker @ Greenville SW	14	
Citywide	374		REMOVED						
Citywide	375	VDIR.4	← Medical District → ECU → Uptown District		NB	Soil	Greenville SW @ Hooker	14	
Citywide	376		REMOVED						
Citywide	377	VDIR.4	↑ ECU Stadiums ← ECU Main Campus ← Uptown District		EB	Soil	Greenville SW @ Evans	12	
Citywide	378	VDIR.2B	← ECU Stadiums → Convention District		SB	Soil	Evans @ Greenville SW	12	
Citywide	379		REMOVED						
Citywide	380		REMOVED						
Citywide	381		REMOVED						
Citywide	382		REMOVED						
Citywide	383		REMOVED						
Citywide	384		REMOVED						
Citywide	385		REMOVED						
Uptown	386	VDIR.1B	↑ Uptown District		EB	Soil	W 5th @ Memorial	9	
Citywide	387		REMOVED						
Uptown	388	SERVICE.1	→ Airport		WB	Soil	Farmville @ S Memorial	9	
Uptown	389	VDIR.1	← Medical District		NB	Soil	S Memorial @ Stantonsburg	9	
Uptown	390	SERVICE.1	↑ Airport		NB	Soil	S Memorial north of RR tracks	9	
Citywide	391		REMOVED						
Uptown	392	VDIR.3	↑ Uptown District ↑ ECU Main Campus ← G.W. Carver Branch Library		NB	Soil	Dickinson @ W 14th	10	
Uptown	393	VDIR.2	→ Medical District → G.W. Carver Branch Library		SB	Soil	Dickinson @ W 14th	10	
Uptown	394	VDIR.3	↑ Uptown District → Museum of Art → ECU Main Campus		NB	Soil	Dickinson @ W 10th	10	
Citywide	395		REMOVED						
Citywide	396	VDIR.2B	↑ Uptown District ← Medical District		NB	Soil	US 13 @ SW Greenville	11	

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Message Schedule - Uptown

SIGN DESCRIPTION - REGION						SIGN LOCATION			
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Citywide	397	VDIR.2B	→ ECU → Convention District		NB	Soil	US 13 @ SW Greenville	11	
Uptown	398	VDIR.3B	↑ Science and Nature Center → Uptown District → ECU Main Campus		EB	Soil	Airport @ N Greene	7	
Citywide	399		REMOVED						
Citywide	400		REMOVED						
Citywide	401		REMOVED						
Citywide	402		REMOVED						
Citywide	403		REMOVED						
Citywide	404	SERVICE.1	→ Hospital		WB	Soil	Stantonsburg @ Moye	9	
Citywide	405	SERVICE.1	→ Hospital		EB	Soil	W 5th @ Moye	9	
Citywide	406	SERVICE.1	← Hospital		WB	Soil	W 5th @ Moye	9	
Citywide	407		REMOVED						
Uptown	408	VDIR.4	↑ ECU Main Campus ↑ Uptown District → Science and Nature Center		SB	Soil	Greenville @ Pactolus Hwy	8	
Citywide	409	VDIR.2B	↑ ECU Stadiums ↑ Convention District		SB	Soil	Alt US 264 @ E 10th	13	
Uptown	410	VDIR.2	→ Medical District → County Admin Office		SB	Soil	S Memorial @ W 5th	9	
Uptown	411	SERVICE.1	↑ Airport		NB	Soil	S Memorial @ E 5th St	9	
Citywide	412	VDIR.2B	↑ ECU Stadiums ← Science and Nature Center		SB	Soil	N Memorial @ Airport	7	
Citywide	413	VDIR.2B	↑ ECU Main Campus ↑ Uptown District		NB	Soil	Charles @ E 14th	10	
Citywide	414		REMOVED						
Citywide	415		REMOVED						
Citywide	416		REMOVED						
Citywide	417	VDIR.2B	↑ Uptown District ↑ ECU Main Campus		SB	Soil	N Greene @ Industrial Blvd	6	
Citywide	418		REMOVED						
Citywide	419		REMOVED						
Citywide	420		REMOVED						
Citywide	421		REMOVED						
Citywide	422	SERVICE.1	← Airport		NB	Soil	N Memorial @ Airport	7	
Citywide	423	SERVICE.1	← Airport		NB	Soil	N Greene @ Mumford	7	
Citywide	424		REMOVED						

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Message Schedule - Uptown

SIGN DESCRIPTION - REGION							SIGN LOCATION		
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Citywide	425	SERVICE.1	↑ Airport		SB	Soil	N Memorial @ US 264	5	
Citywide	426		REMOVED						
Citywide	427	VDIR.1B	→ Industrial Parks		WB	Soil	E 10th @ Greenville Blvd SE	13	
Citywide	428		REMOVED						
Citywide	429		REMOVED						
Citywide	430	SERVICE.1	← Airport		EB	Soil	W 5th @ Memorial	9	
Citywide	431		REMOVED						
Citywide	432		REMOVED						
Citywide	433		REMOVED						
Citywide	434	SERVICE.1	↖ Airport		WB	Soil	Pactolus Hwy @ Mumford	8	
Citywide	435	SERVICE.1	→ Airport		SB	Soil	N Memorial @ Airport	7	
Citywide	436		REMOVED						

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Message Schedule - Uptown

SIGN DESCRIPTION - REGION							SIGN LOCATION		
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	501	PARK.1	→ P		EB	Concrete	1st @ Washington	1	
Uptown	502	PARK.10	Public Parking Lot Uptown Shopping & Dining Mosely Lot 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm		SB	Concrete	4th St @ Moseley Lot	1	
Uptown	503	PARK.2	← P		WB	Existing Pole	1st @ Cotanche	1	
Uptown	504	PARK.2	→ P	← P	EB	Existing Pole	W 5th St @ Evans St Lot		
Uptown	505		ALREADY INSTALLED AS PROTOTYPE						
Uptown	506	PARK.3	P ← Public Parking		EB	Concrete	3rd @ Evans	1	
Uptown	507	PARK.1	P ↑ Public Parking		NB	Concrete	Evans St near 8th St	1	
Uptown	508	PARK.10	Public Parking Lot Greene Street Lot 2 Hour Free Parking Leased & Employee Parking as Designated Monday - Friday 7:00am - 7:00 pm		SB	Soil	Pitt St @ Greene St Lot	1	
Uptown	509	PARK.11	Public Parking Lot County and Federal Courthouses Courthouse Lot Leased Parking Only Monday - Friday 7:00 am - 7:00 pm	Public Parking Lot County and Federal Courthouses Courthouse Lot Leased Parking Only Monday - Friday 7:00 am - 7:00 pm	NB	Soil	Evans @ Texaco Lot	1	
Uptown	510	PARK.3	P ← Public Parking		NB	Concrete	Evans @ 4th	1	
Uptown	511	PARK.11	Public Parking Lot Uptown Shopping & Dining Blount Harvey Lot 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	Public Parking Lot Uptown Shopping & Dining Blount Harvey Lot 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	WB	Concrete	S Washington @ Blount Harvey Lot	1	
Uptown	512	PARK.11	Public Parking Lot Uptown Shopping & Dining Edwards Lot 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	Public Parking Lot Uptown Shopping & Dining Edwards Lot 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	NB	Concrete	NB Evans @ Edward Lot	1	

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Message Schedule - Citywide

SIGN DESCRIPTION - REGION							SIGN LOCATION		
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	513	PARK.2	→ P		WB	Existing Pole	WB 5th @ Greene	1	
Uptown	514	PARK.3	P → Public Parking		NB	Concrete	Greene @ 4th	1	
Uptown	515		REMOVED						
Uptown	516	PARK.10	Public Parking Lot Dickinson Lot 2 Hour Free Parking	Public Parking Lot Dickinson Lot 2 Hour Free Parking	NB	Concrete	Dickinson @ Dickinson Ave Lot	1	
Uptown	517		REMOVED						
Uptown	518	PARK.10	Public Parking Lot Georgetown Lot Metered Parking Monday - Friday 8:00 am - 5:00 pm Note Space # - Pay At Pay Station		NB	Concrete	Reade St @ Georgetown Lot	1	
Uptown	519	PARK.11	Public Parking Lot Uptown Shopping & Dining Harris Lot 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	Public Parking Lot Uptown Shopping & Dining Harris Lot 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	SB	Concrete	Cotanche @ Harris	1	If possible, locate this sign so as to be seen on 4th St as well as Cotanche
Uptown	520	PARK.11	Public Parking Lot Uptown Shopping & Dining Five Points Plaza 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	Public Parking Lot Uptown Shopping & Dining Five Points Plaza 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	NB	Soil	Evans St @ Five Points Plaza	1	
Uptown	521	PARK.11	Public Parking Lot Uptown Shopping & Dining Roses Lot 2 Hour Free Parking	Public Parking Lot Uptown Shopping & Dining Roses Lot 2 Hour Free Parking	WB	Concrete	E 4th St @ Roses Lot	1	
Uptown	522	PARK.10	Public Parking Lot Uptown Shopping & Dining Merchant Lot 2 HR Free Parking Leased Parking as Designated Monday - Friday 7:00 am - 7:00 pm	Public Parking Lot Uptown Shopping & Dining Merchant Lot 2 HR Free Parking Leased Parking as Designated Monday - Friday 7:00 am - 7:00 pm	NB	Concrete	S Washington @ Merchant Lot	1	

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Message Schedule - Citywide

SIGN DESCRIPTION - REGION							SIGN LOCATION		
District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	523	PARK.11	Public Parking Lot Greene Street Lot 2 Hour Free Parking Leased & Employee Parking as Designated Monday - Friday 7:00am - 7:00 pm	Public Parking Lot Greene Street Lot 2 Hour Free Parking Leased & Employee Parking as Designated Monday - Friday 7:00am - 7:00 pm	EB	soil	W 4th St @ Greene St Lot	1	
Uptown	524	PARK.10	Public Parking Lot Uptown Shopping & Dining Hodges Lot Metered Parking Monday - Friday 8:00 am - 5:00 pm Note Space # - Pay At Pay Station		NB	Soil	Reade St @ Hodges Lot	1	
Uptown	525	PARK.2	← P		SB	Existing Pole	Cotanche @ Georgetown Lot	1	
Uptown	526		REMOVED						
Uptown	527	PARK.10	Public Parking Reade Street Loading Zone Where Marked Metered Parking Monday - Friday 8:00 am - 5:00 pm Note Space # - Pay At Pay Station			Soil	Reade St between Cotanche & 5th	1	
Uptown	528	PARK.11	Public Parking Lot Uptown Shopping & Dining Five Points Plaza 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	Public Parking Lot Uptown Shopping & Dining Five Points Plaza 2 Hour Free Parking Leased Parking as Designated Monday - Friday 7:00am - 7:00 pm	EB	Concrete	Dickinson Ext @ Evans	1	

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District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	601	PED.1	↑ ECU Main Campus ↑ Museum of Art ↑ Courthouses ↑ City Hall	↑ Town Common	SB	Concrete	E 1st St @ Evans St	2	
Uptown	602		REMOVED						
Uptown	603		REMOVED						
Uptown	604	PED.1B	↑ Town Common ↑ ECU Main Campus ↑ Museum of Art ↑ Courthouses	↑ Chamber of Commerce	EB	Existing Pole	W 3rd St @ Greene St	2	
Uptown	605	PED.1B	← Town Common → ECU Main Campus → Museum of Art	→ Town Common ← ECU Main Campus ← Museum of Art	EB	Existing Pole	W 3rd St @ Evans St	2	
Uptown	606	PED.1	↑ Town Common ← Chamber of Commerce	↑ ECU Main Campus ↑ Museum of Art → Chamber of Commerce	NB	Concrete	Evans St @ W 3rd St	2	
Uptown	607	PED.1	↑ Town Common ← Chamber of Commerce	↑ ECU Main Campus ↑ Museum of Art → Chamber of Commerce	NB	Concrete	Evans St @ E 3rd St	2	
Uptown	608	PED.1	↑ Town Center ← Courthouses	↑ ECU Main Campus → Courthouses	NB	Concrete	Reade St @ E 3rd St	2	
Uptown	609	PED.1B	← ECU Main Campus	→ ECU Main Campus	SB	Existing Pole	Reade St @ E 5th St	2	
Uptown	610	PED.1	← Town Common ← Courthouses ← Chamber of Commerce → ECU Main Campus → Museum of Art	← ECU Main Campus ← Museum of Art → Town Common → Courthouses → Chamber of Commerce	EB	Concrete	W 4th St @ Evans St	2	
Uptown	611		REMOVED						
Uptown	612		REMOVED						
Uptown	613		REMOVED						
Uptown	614	PED.1B	↑ Town Common ↑ ECU Main Campus ↑ Museum of Art ↑ Library	↑ City Hall	EB	Existing Pole	W 5th St @ Washington St	2	
Uptown	615	PED.1	↑ ECU Main Campus ← Town Common → Museum of Art → Library	↑ City Hall ← Museum of Art ← Library → Town Common	EB	Concrete	W 5th St @ Evans St	2	

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Message Schedule - Citywide

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District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	616	PED.1	↑ Museum of Art ↑ Five Points Plaza ↑ Library ← ECU Main Campus → City Hall	↑ Town Common ← City Hall → ECU Main Campus	SB	Concrete	Evans St @ W 5th St	2	
Uptown	617		REMOVED						
Uptown	618		REMOVED						
Uptown	619		REMOVED						
Uptown	620		REMOVED						
Uptown	621	PED.1	↑ City Hall ← Library ← Five Points Plaza → Town Common → Courthouses	↑ ECU Main Campus ← Courthouses	WB	Concrete	Evans St @ E 5th St	2	
Uptown	622		REMOVED						
Uptown	623		REMOVED						
Uptown	624	PED.1	→ ECU Main Campus	← ECU Main Campus	NB	Concrete	E 5th St @ Reade St	2	
Uptown	625	PED.1	← Uptown District	→ Uptown District	NB	Soil	E 5th St @ Holly St	2	
Uptown	626		REMOVED						
Uptown	627		REMOVED						
Uptown	628		REMOVED						
Uptown	629	PED.1B	→ ECU Main Campus ↑ Town Common ↑ Amphitheater ↑ Library ↑ City Hall	← ECU Main Campus	NB	Existing Pole	Evans St @ Reade Cir	2	
Uptown	630	PED.1B	↑ Museum of Art	→ ECU Main Campus ↑ Town Common ↑ Library ↑ City Hall	SB	Existing Pole	Evans St @ Reade Cir	2	
Uptown	631		REMOVED						
Uptown	701		REMOVED						
Uptown	702		REMOVED						
Uptown	703		REMOVED						
Uptown	704		REMOVED						
Uptown	705		REMOVED						
Uptown	706	KIOSK.2			NB	Concrete	Evans St @ E 5th St	2	
Uptown	707		REMOVED						
Uptown	708		REMOVED						
Uptown	709		REMOVED						
Uptown	710		REMOVED						

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District	Sign #	Sign Type	Face A	Face B	Orientation	Ground Condition	Reference Intersection	Sheet #	Remarks
Uptown	G101	DISTGATE.2	Uptown District		SB	Soil	N Pitt St @ First St	3	Gateways to be listed as alternates
Uptown	G102	DISTGATE.2	Uptown District		WB	Soil	E 1st St east of Reade St	3	Gateways to be listed as alternates
Uptown	G103	DISTGATE.2	Uptown District		EB	Soil	W Fifth St west of Pitt St	3	Gateways to be listed as alternates
Uptown	G104	DISTGATE.2	Uptown District		WB	Soil	E 5th St east of Reade St	3	Gateways to be listed as alternates
Uptown	G105	DISTGATE.2	Uptown District		NB	Concrete	Evans St south of 9th St	3	Gateways to be listed as alternates
Citywide	G106	DISTGATE.2	Medical District		EB	Soil	W 5th St east of B's Barbecue Rd	9	Gateways to be listed as alternates
Citywide	G107	DISTGATE.2	Medical District		EB	Soil	Stantonsburg Rd east of Allen Rd	9	Gateways to be listed as alternates
Citywide	G108	DISTGATE.2	Medical District		WB	Soil	W 5th St west of Memorial Dr	9	Gateways to be listed as alternates
Citywide	G109	DISTGATE.2	Medical District		WB	Soil	Stantonsburg Rd west of Memorial Dr	9	Gateways to be listed as alternates
Citywide	G110	DISTGATE.2	Convention District		WB	Soil	SE Greenville Blvd near Evans St	12	Gateways to be listed as alternates
Citywide	G111	DISTGATE.2	Convention District		EB	Soil	SE Greenville Blvd east of Memorial Dr	14	Gateways to be listed as alternates

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Message Schedule - 10th St Connector

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NOTE: This page shows future signage work and is for informational purposes only. These signs are not part of the current bid package.

SIGN DESCRIPTION - REGION							SIGN LOCATION		
District	Sign #	Sign Type	Face A	Face B	Orientation	QTY	Reference Intersection	Sheet #	Remarks
10th St Conn	1001	VDIR.3	↑ Uptown District ↑ Medical District ↑ ECU		EB		Stantonsburg @ Allen		Replace 301
10th St Conn	1002	VDIR.2	↑ Uptown District ↑ ECU		EB		Stantonsburg @ Memorial		Replace 304
10th St Conn	1003	VDIR.3	← Hospital → ECU → Uptown District		NB		S Memorial @ Stantonsburg		Replace 389
10th St Conn	1004	VDIR.3	↑ ECU ← Uptown District ← Thomas Foreman Park		SB		S Memorial @ W 5th		Replace 312
10th St Conn	1005	VDIR.1	← ECU		SB		Stantonsburg @ Memorial		
10th St Conn	1006	VDIR.2	↑ ECU ← Uptown District → Convention District		EB		10th St @ Evans		Same as 336
10th St Conn	1007	VDIR.2	↑ Medical District → Uptown District		WB		E 10th @ Evans		Replace 335
10th St Conn	1008	VDIR.3	↑ Convention District ← ECU → Medical District		SB		Evans @ E 10th		Replace 338
10th St Conn	1009	VDIR.3	↑ Uptown District ← Medical District → ECU		NB		Evans @ E 10th		Replace 337
10th St Conn	1010	VDIR.2	↑ ECU Main Campus → ECU Stadiums		EB		10th St @ Charles		

Date	Revisions
11.18.08	02.01.10 07.15.10

Message Schedule - Sign Count

UPTOWN DISTRICT

Sign Type	Ground Condition		
	Concrete	Soil	Pole
PED.1	9	1	0
PED.1B	6	0	6
VDIR.1	3	6	0
VDIR.1B	0	1	0
VDIR.2	8	11	0
VDIR.2B	0	2	0
VDIR.3	8	9	0
VDIR.3B	0	4	0
VDIR.4	0	2	0
Park.1	2	0	0
Park.2	4	0	4
Park.3	3	0	0
Park.10	4	3	0
Park.11	5	3	0
Kiosk.2	1	0	0
Service.1	2	3	0
GATE.1	0	0	0
Dist.Gate.2	1	4	0
Subtotal	46	49	10
TOTAL	105		

CITYWIDE

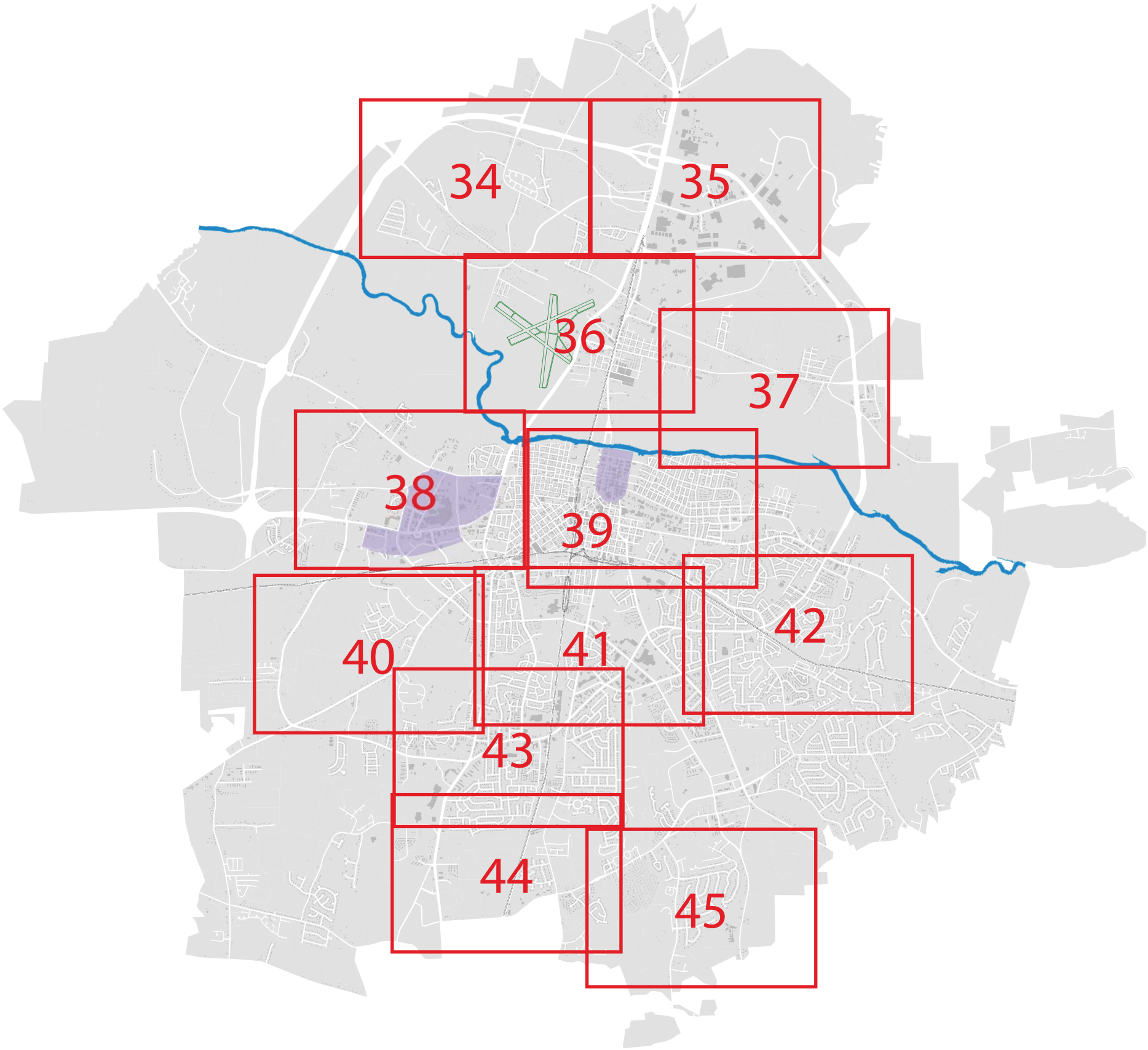
Sign Type	Ground Condition		
	Concrete	Soil	Pole
PED.1	0	0	0
PED.1B	0	0	0
VDIR.1	0	0	0
VDIR.1B	0	9	0
VDIR.2	0	0	0
VDIR.2B	0	12	0
VDIR.3	0	0	0
VDIR.3B	0	9	0
VDIR.4	0	10	0
Park.1	0	0	0
Park.2	0	0	0
Park.3	0	0	0
Park.10	0	0	0
Park.11	0	0	0
Kiosk.2	0	0	0
Service.1	0	10	0
GATE.1	0	1	0
Dist.Gate.2	0	6	0
Subtotal	0	57	0
TOTAL	57		

TOTAL PROGRAM

Sign Type	Ground Condition		
	Concrete	Soil	Pole
PED.1	9	1	0
PED.1B	6	0	6
VDIR.1	3	6	0
VDIR.1B	0	10	0
VDIR.2	8	11	0
VDIR.2B	0	14	0
VDIR.3	8	9	0
VDIR.3B	0	13	0
VDIR.4	0	12	0
Park.1	2	0	0
Park.2	4	0	4
Park.3	3	0	0
Park.10	4	3	0
Park.11	5	3	0
Kiosk.2	1	0	0
Service.1	2	13	0
GATE.1	0	1	0
Dist.Gate.2	1	10	0
Subtotal	46	106	10
TOTAL	162		

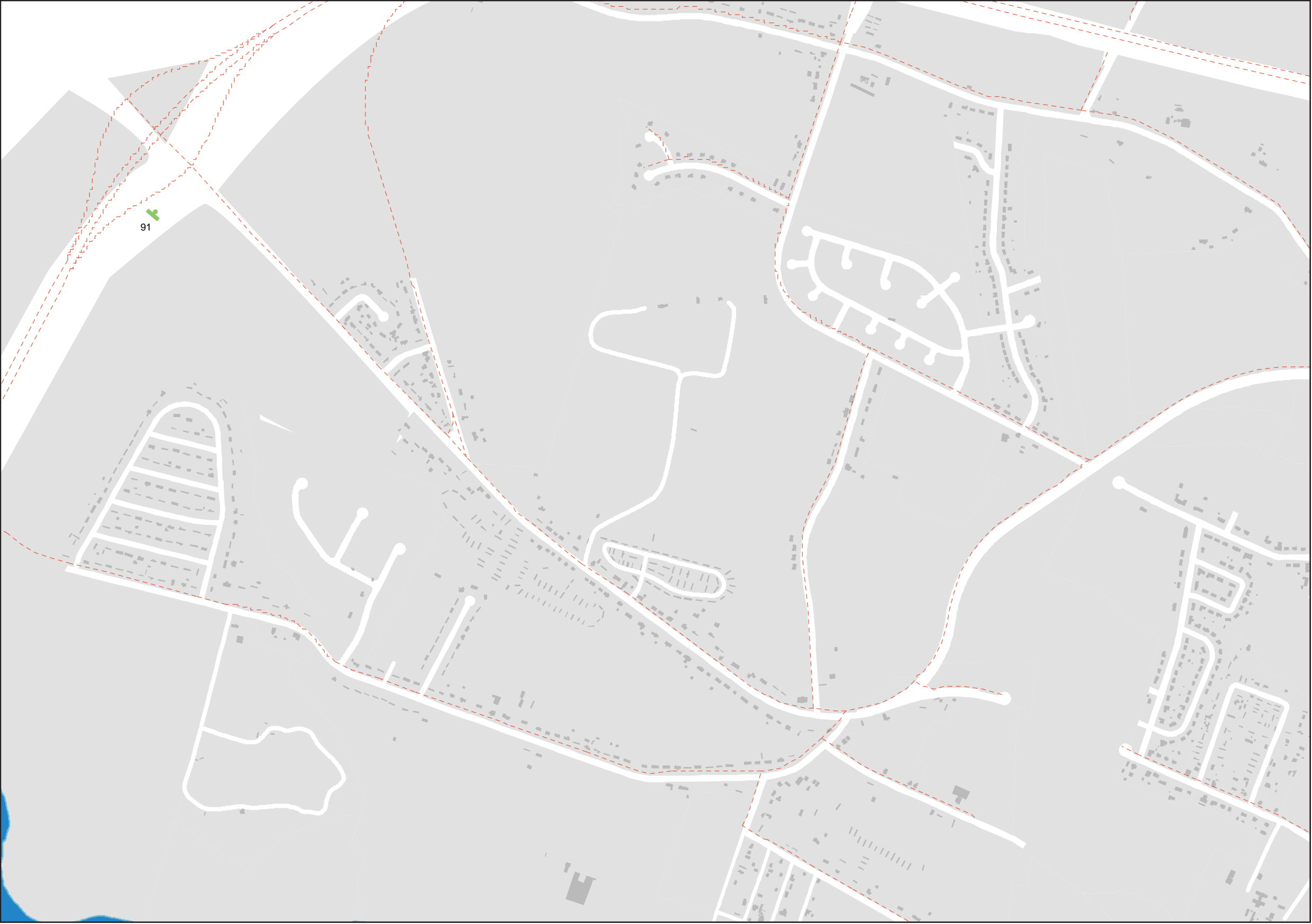
City of Greenville, NC  
Wayfinding Signing Program

Date	Revisions
11.18.08	02.01.10 07.15.10





Date	Revisions
11.18.08	09.08.09

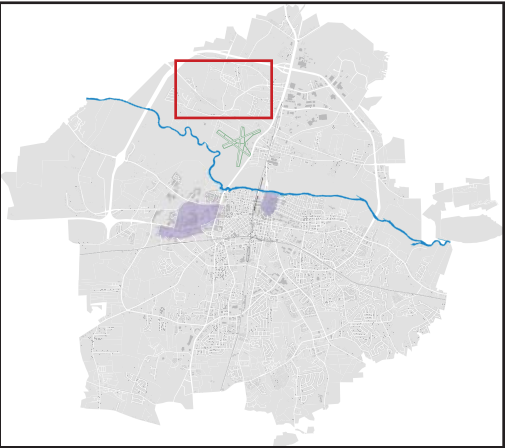




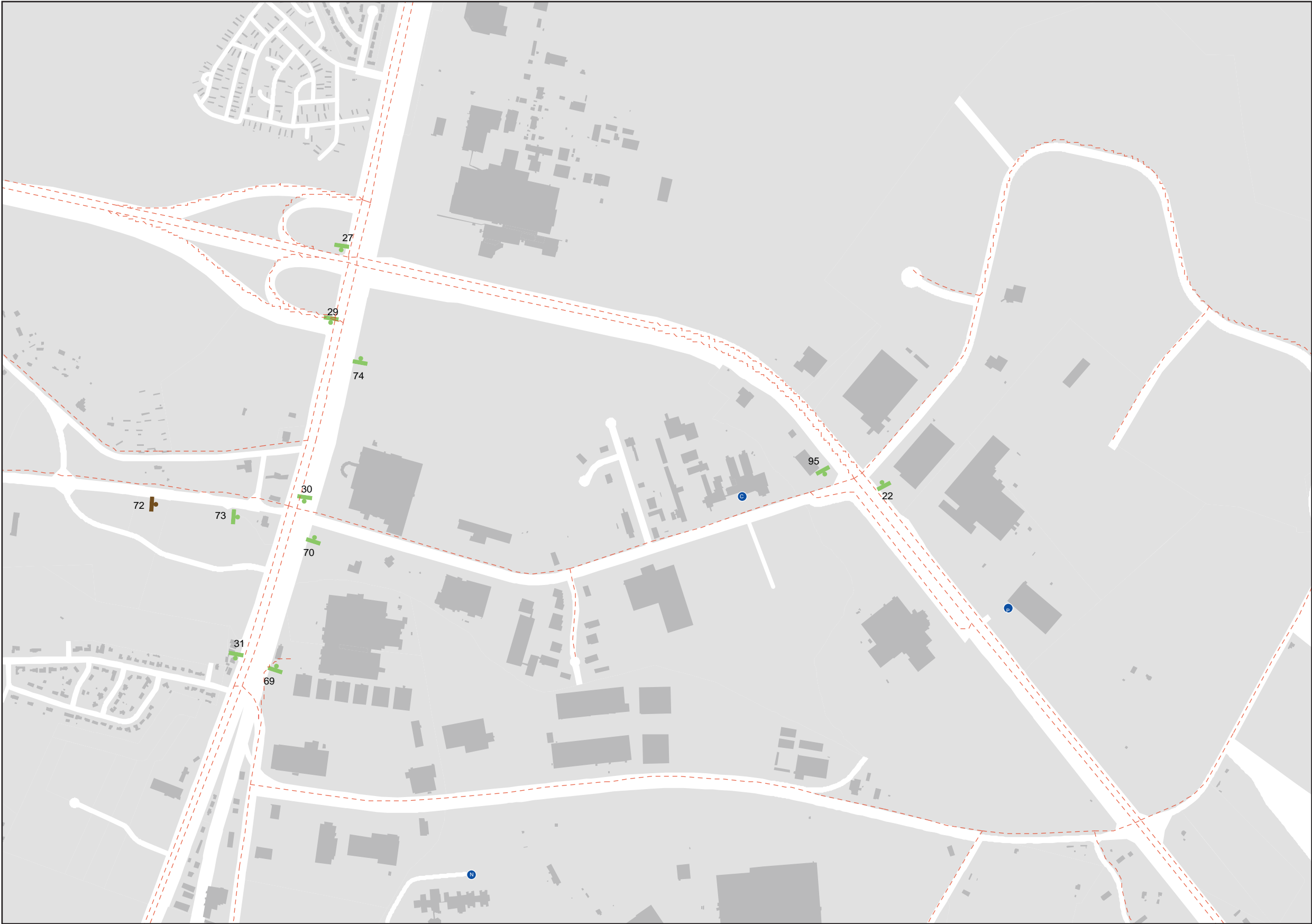
City of Greenville, NC  
Wayfinding Signing Program



-  State-Maintained Road
-  Sign Face

Key Map

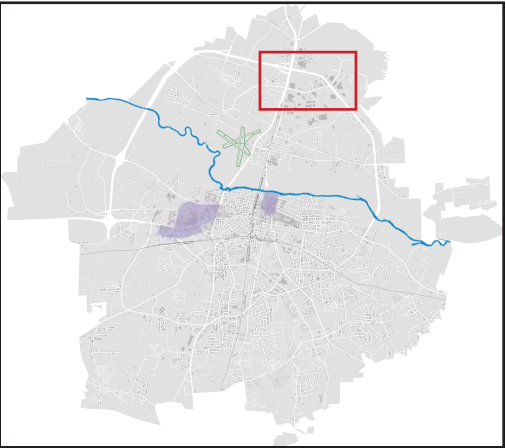


Date	Revisions
5.01.08	12.21.09

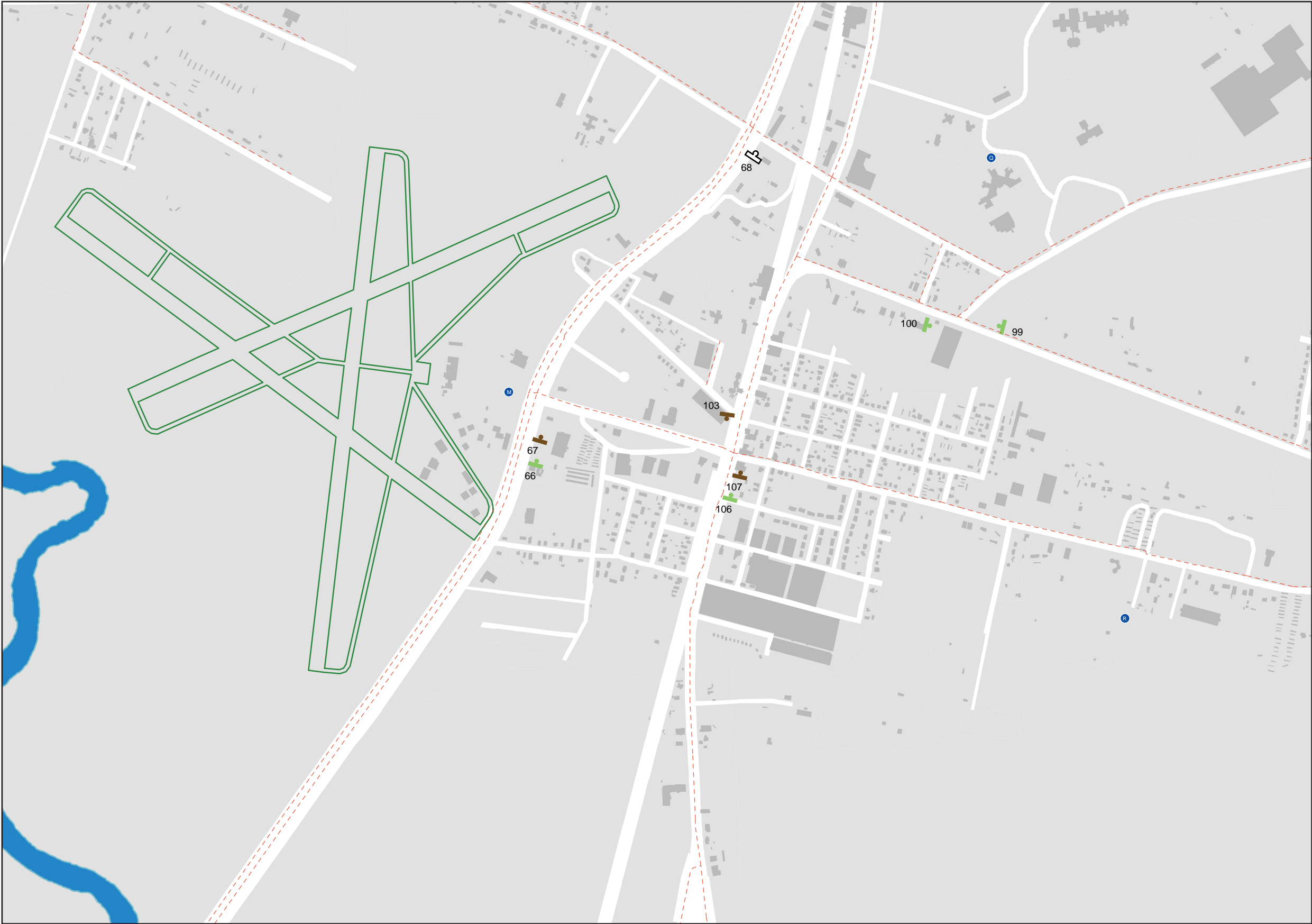




-  State-Maintained Road
-  Sign Face

Key Map

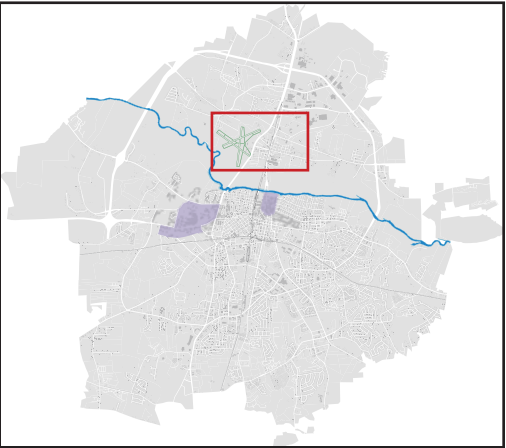


Date	Revisions
5.01.08	12.21.09



-  State-Maintained Road
-  Sign Face

Key Map



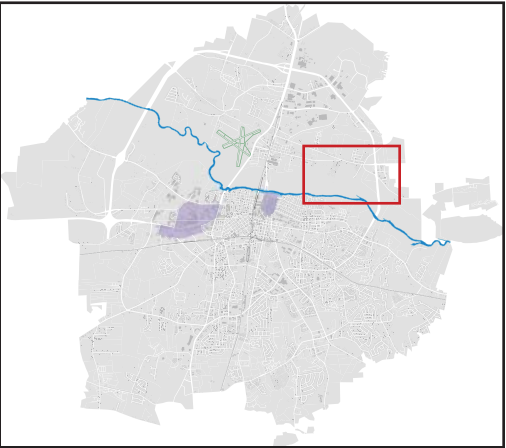
Date	Revisions
5.01.08	12.21.09



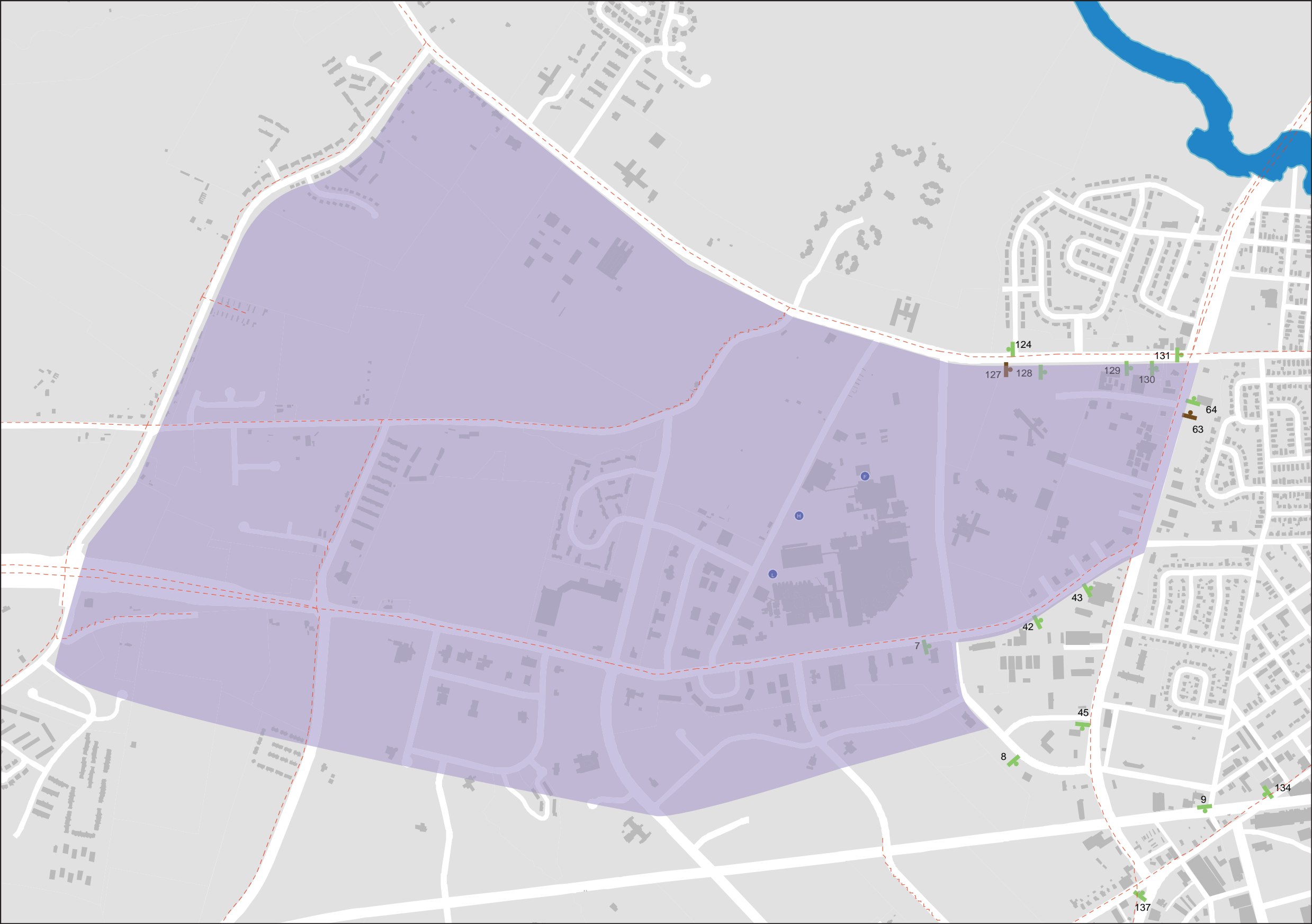
City of Greenville, NC  
Wayfinding Signing Program



- State-Maintained Road
- Sign Face

Key Map

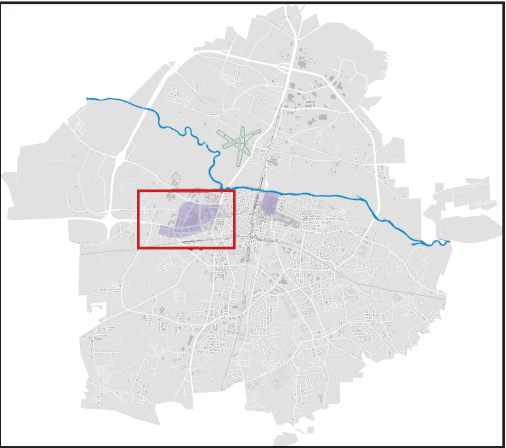


Date	Revisions
5.01.08	12.21.09



-  State-Maintained Road
-  Sign Face

Key Map



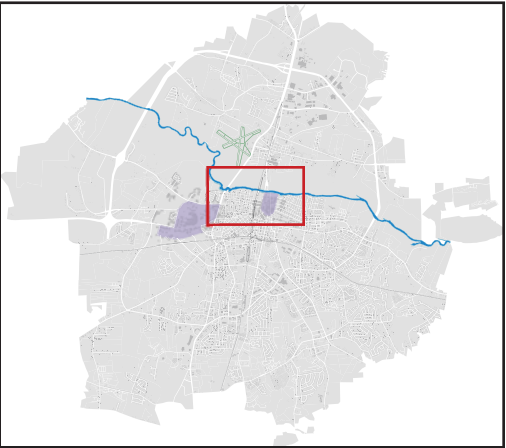
Date	Revisions
5.01.08	12.21.09



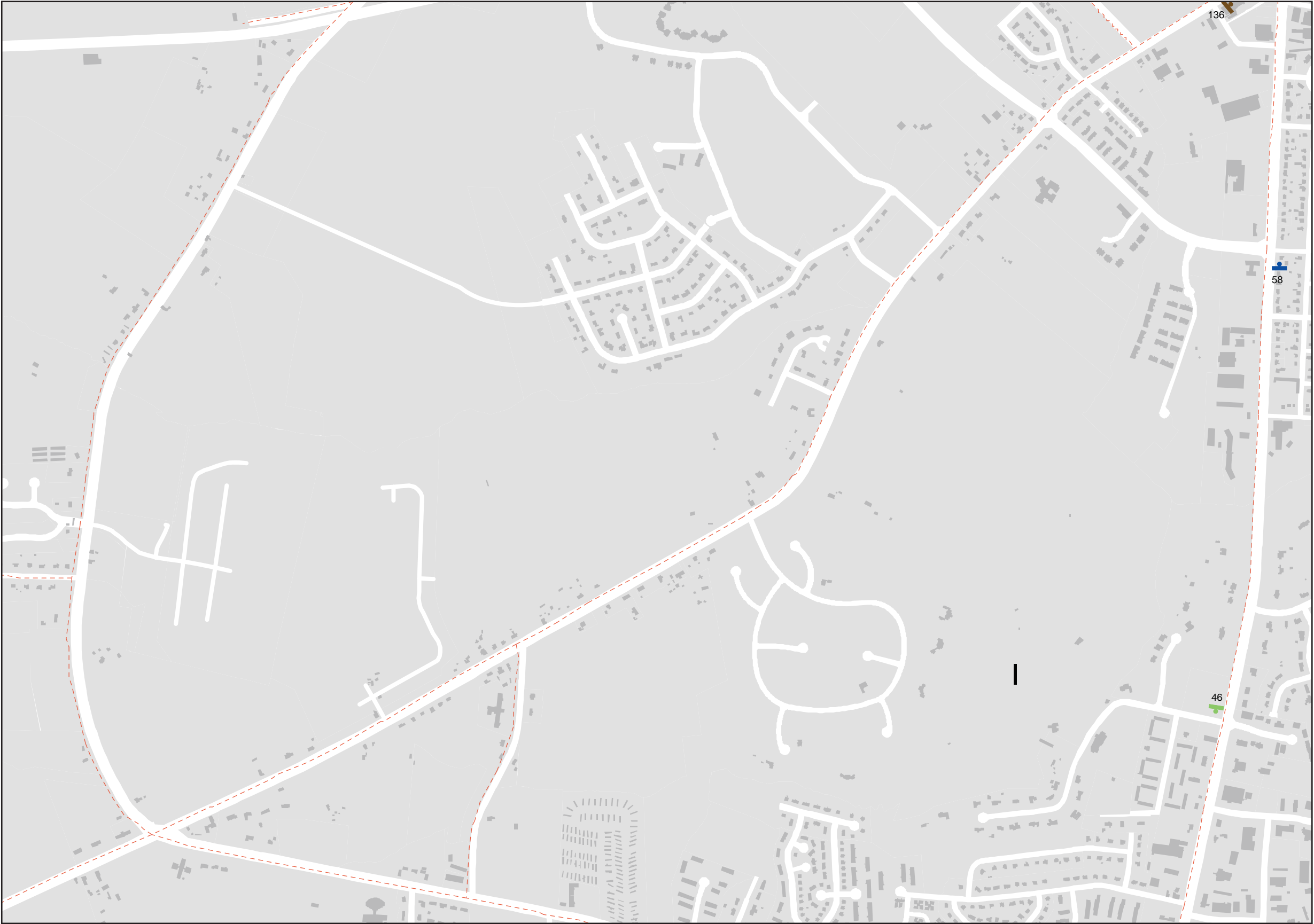


State-Maintained Road  
Sign Face



Key Map



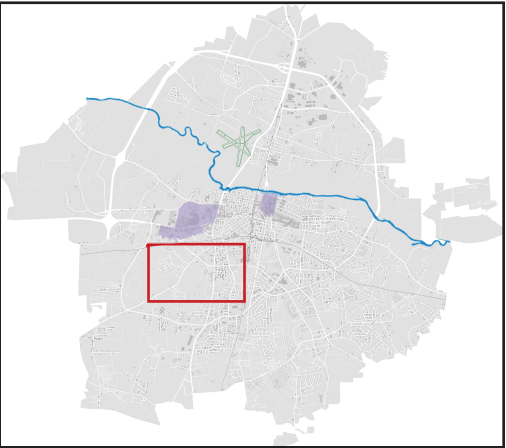
Date	Revisions
5.01.08	12.21.09



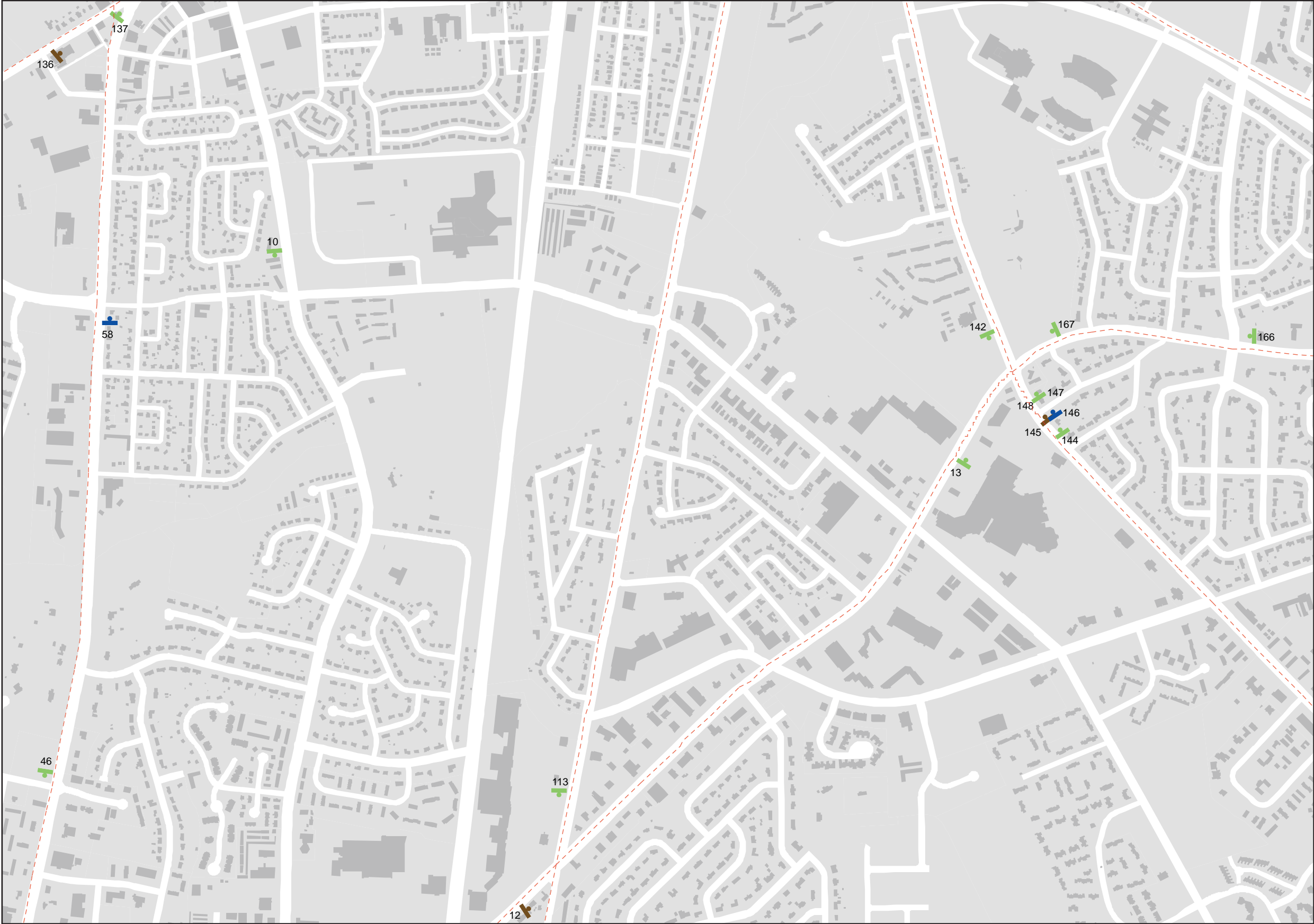
City of Greenville, NC  
Wayfinding Signing Program

-  State-Maintained Road
-  Sign Face

Key Map



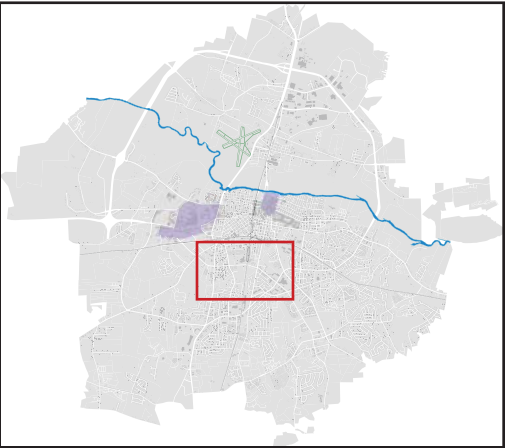
Date	Revisions
5.01.08	12.21.09



State-Maintained Road

Sign Face



Key Map



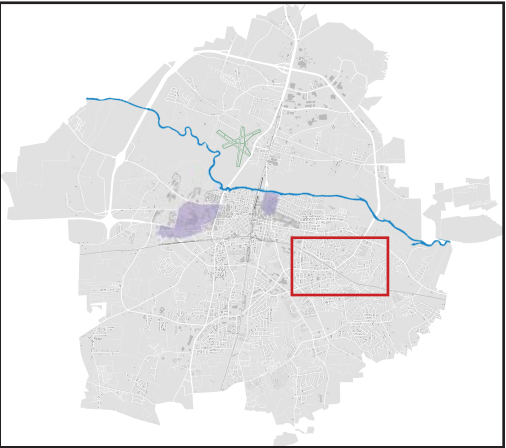
Date	Revisions
5.01.08	12.21.09



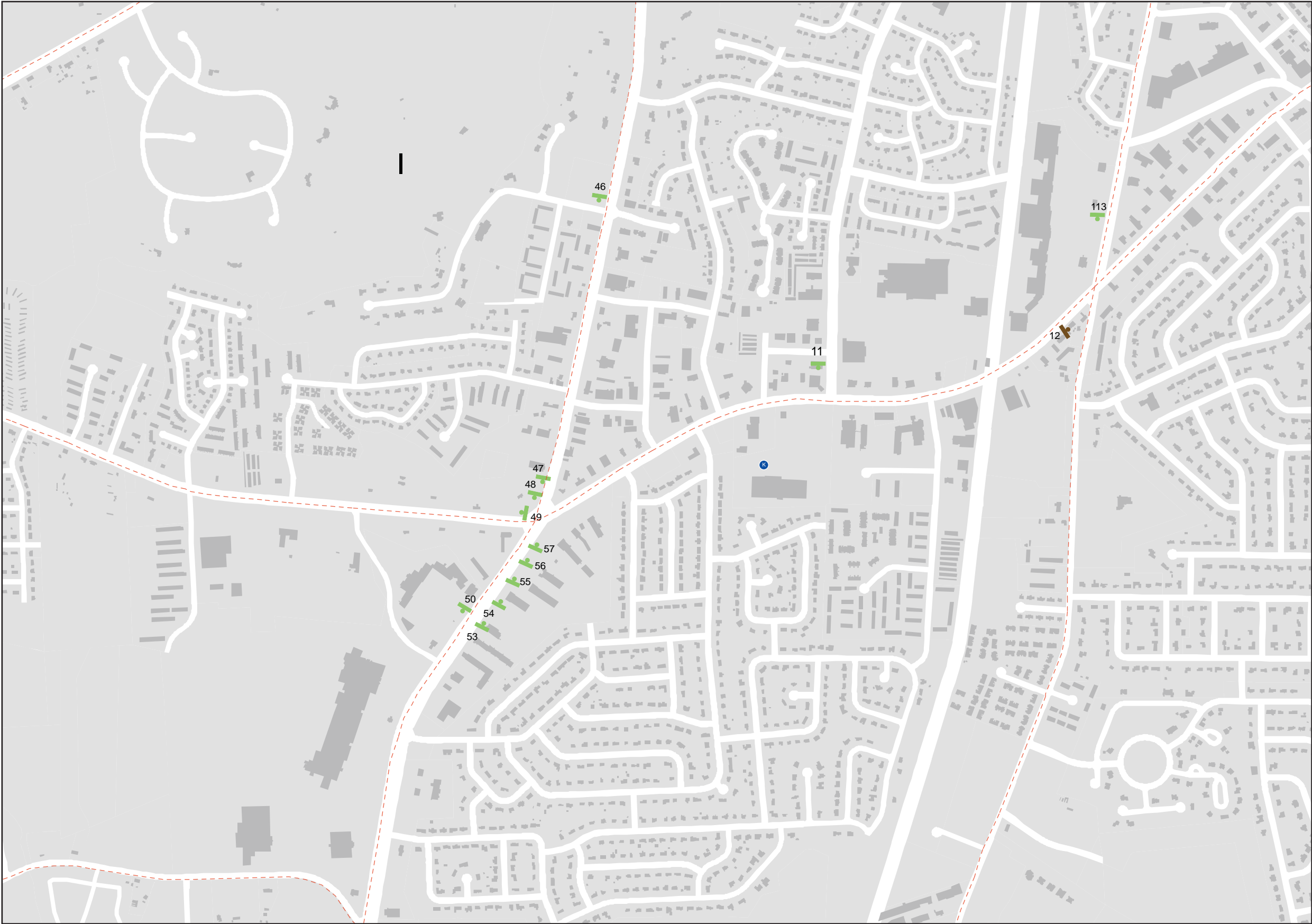



-  State-Maintained Road
-  Sign Face


Key Map



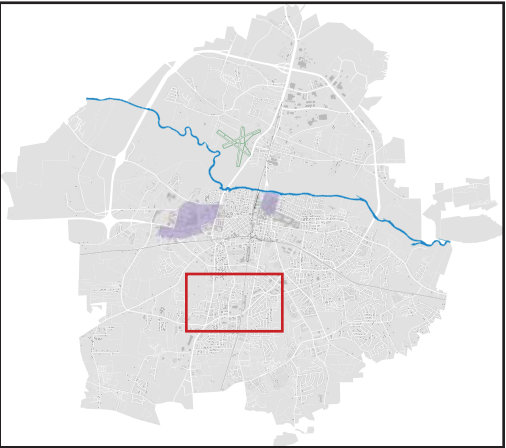
Date	Revisions
5.01.08	12.21.09



 State-Maintained Road

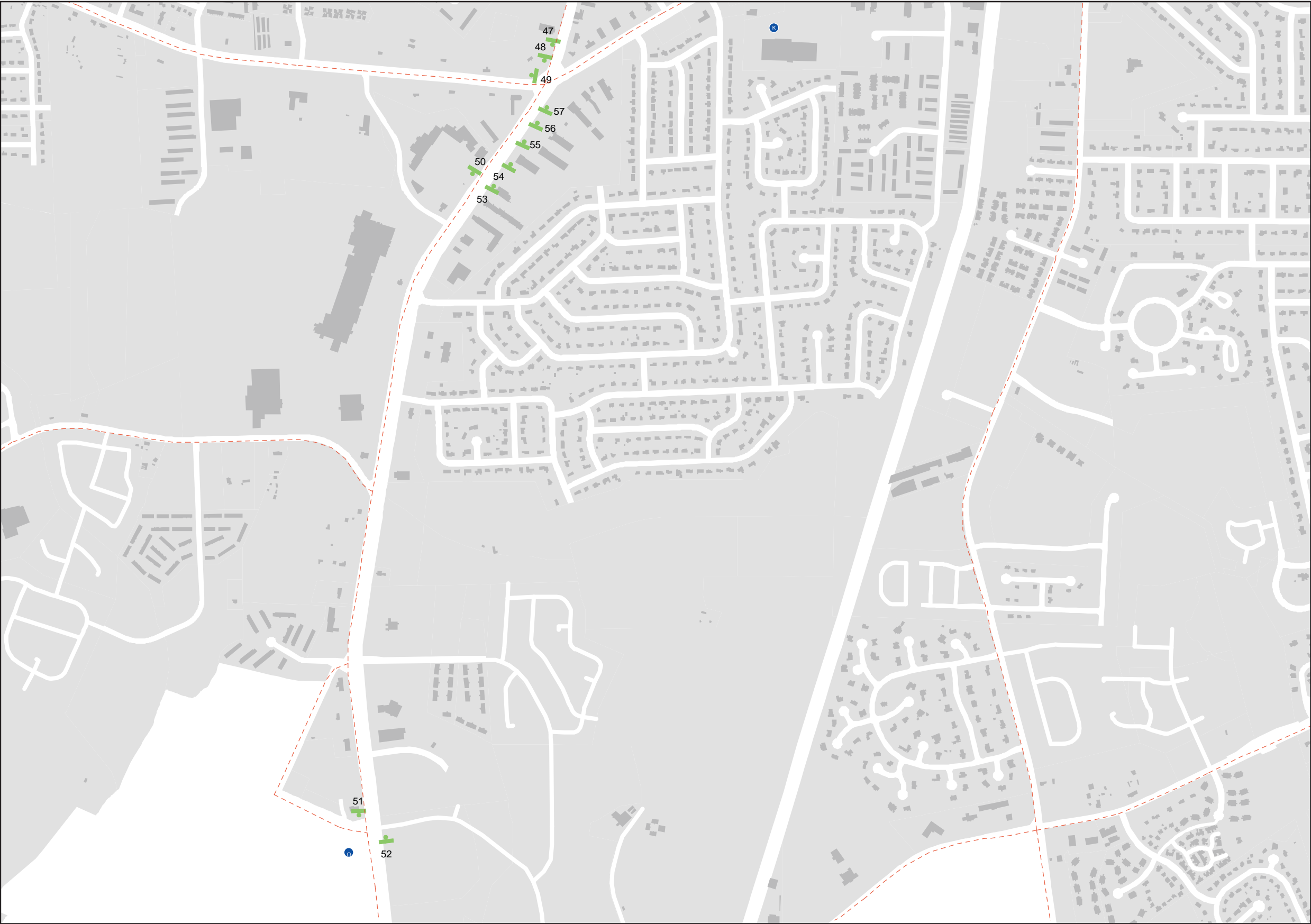
 Sign Face

Key Map





Date	Revisions
5.01.08	12.21.09

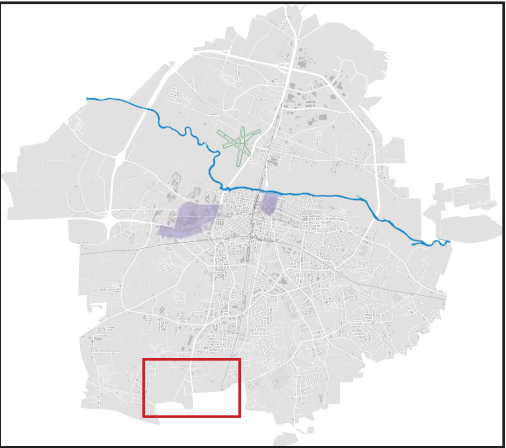




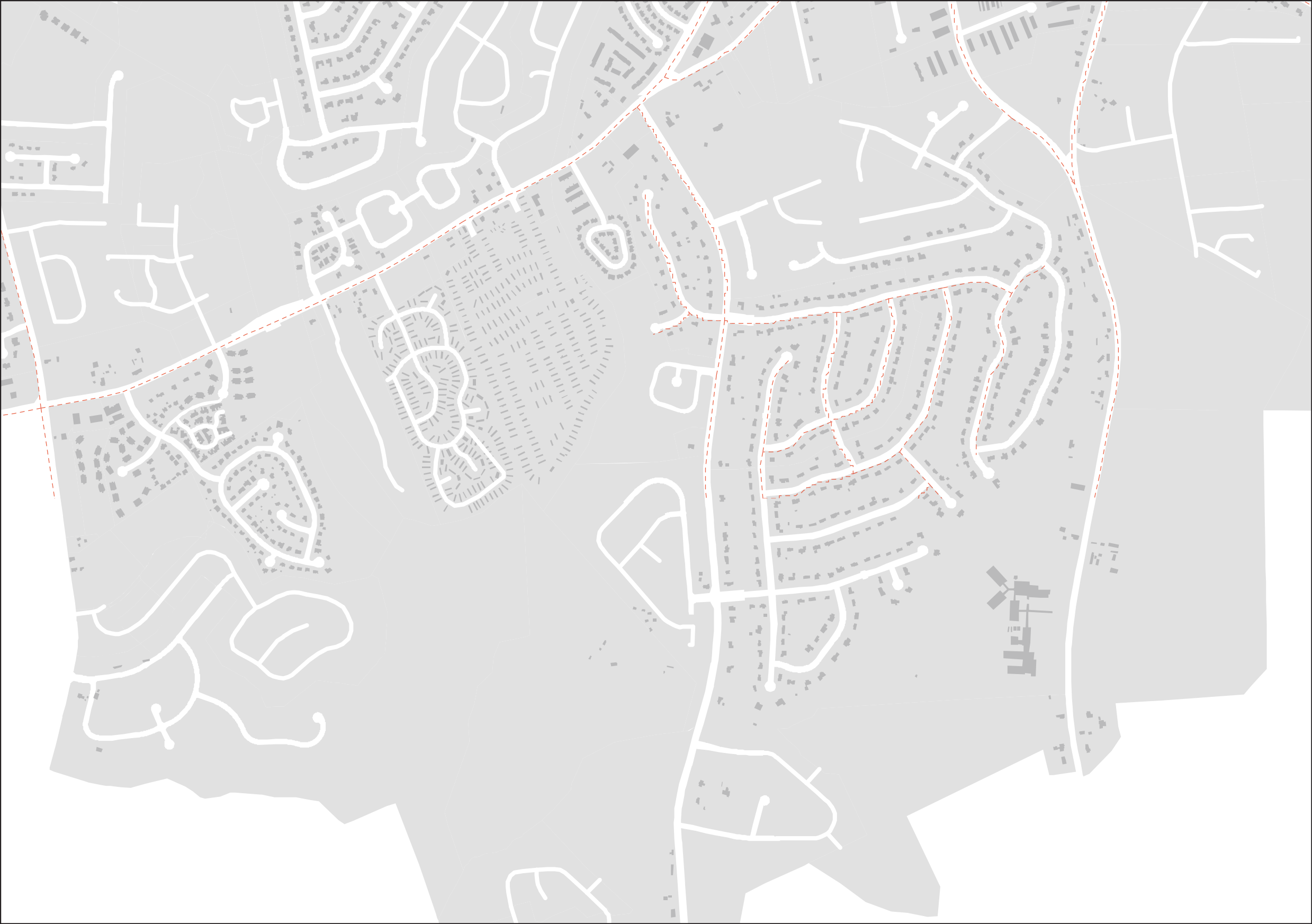
City of Greenville, NC  
Wayfinding Signing Program

-  State-Maintained Road
-  Sign Face



Key Map



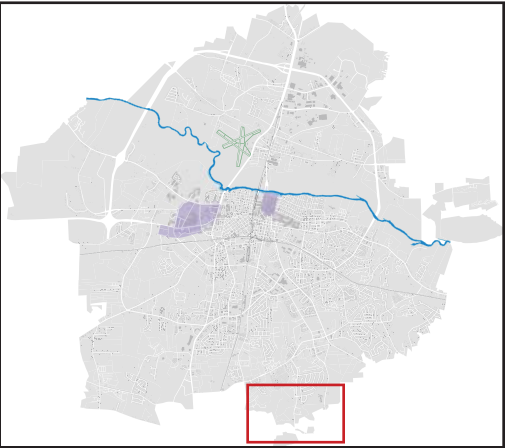
Date	Revisions
5.01.08	12.21.09



City of Greenville, NC  
Wayfinding Signing Program

-  State-Maintained Road
-  Sign Face

Key Map



Date	Revisions
5.01.08	12.21.09



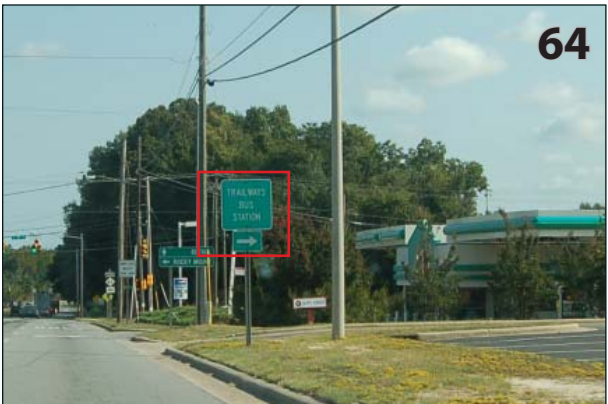
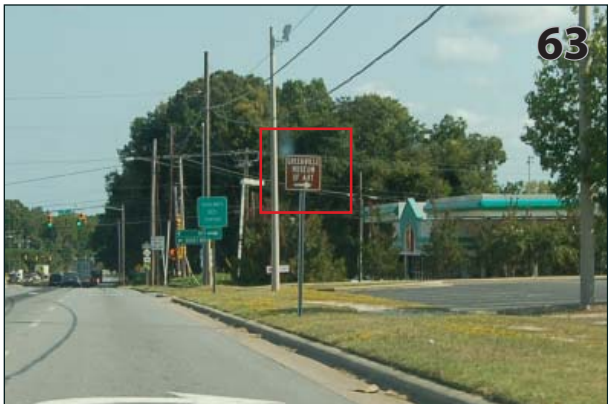
Removal Plan

City of Greenville, NC  
Wayfinding Signing Program



Date	Revisions
11.18.08	09.08.09



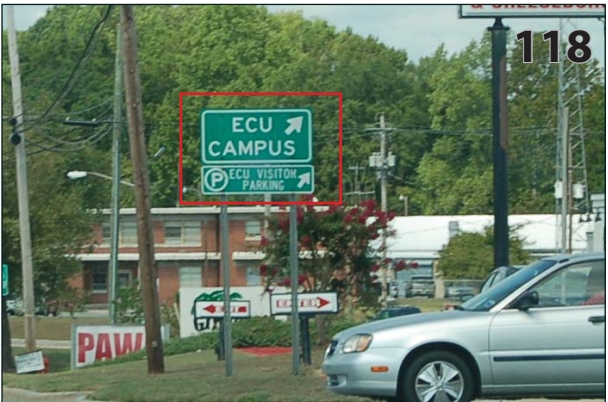


Date	Revisions
11.18.08	09.08.09



Removal Plan

City of Greenville, NC  
Wayfinding Signing Program



Date	Revisions
11.18.08	09.08.09





Date	Revisions
11.18.08	09.08.09





Date	Revisions
11.18.08	09.08.09